

PERMITS WEST, INC.
PROVIDING PERMITS for LAND USERS
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

April 10, 2002

Lisha Cordova
Utah Div. of Oil, Gas, & Mining
P. O. Box 145801
Salt Lake City, Ut. 84114-5801

RECEIVED

APR 15 2002

DIVISION OF
OIL, GAS AND MINING

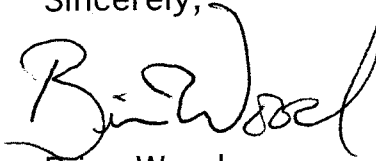
Dear Lisha,

On behalf of Samedan Oil Corporation, I am applying for approval of an exception location for the Bonito 41-6-85. I am requesting an exception because of geology and topography. The exception is to the quarter-quarter line (20' too far south instead of $\geq 460'$), not to a well or lease. Indeed, the exception is toward the interior of the lease. The location was picked based on 3-D seismic and is believed to be a one well algal mound.

An orthodox well could be drilled at 860' FNL & 940' FEL 6-38s-25e, but it would be a marginal well. The original requested location is +500' southeast and in the bottom of a canyon. Thus, the applied for location has already been moved over 500' out of the canyon. Request permission to drill at 880' FNL & 940' FEL 6-38s-25e. This is the only oil or gas well in the quarter section. There are no producing wells within 1,756'. Wells could be drilled in seven of the eight offsetting quarter-quarters (there is a SI oil well in SESE 31-37s-25e). Samedan is owner of all drilling units within a minimum 880' radius of the proposed exception. This includes three (W2NE4 & SENE Sec. 6) of the eight directly or diagonally offsetting drilling units.

Please call me if you have any questions.

Sincerely,


Brian Wood

cc: Steinke

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Samedan Oil Corporation (281) 876-6150

3. ADDRESS AND TELEPHONE NO.

12600 Northborough, Suite 250, Houston, Tx. 77067

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

NENE

880' FNL & 940' FEL

4153562 37.51727

658394 -109.20772

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

19 air miles NNE of Montezuma Creek, Ut.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

880'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

5,860'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,300' ungraded

22. APPROX. DATE WORK WILL START*

May 1, 2002

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	M-50 8-5/8"	23	1,640'	~1360 cu. ft. & to surface
7-7/8"	M-50 4-1/2"	10.5	5,860'	~500 cu ft. & to 4,050'

APR 15 2002

DIVISION OF
OIL, GAS AND MINING

This APD is doubling as a BLM road right-of-way application. Right-of-way is an existing field road and crosses W2SW4 33-37s-25e and NWNW 5-38s-25e, SLBM, San Juan County, Utah. Dimensions: 20' x 2,640' = 1.21 acres.

cc: BLM (M & P), Steinke, UDOGM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

TITLE

Consultant (505) 466-8120

DATE

4-10-02

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

[Signature]

TITLE

BRADLEY G. HILL
RECLAMATION SPECIALIST III

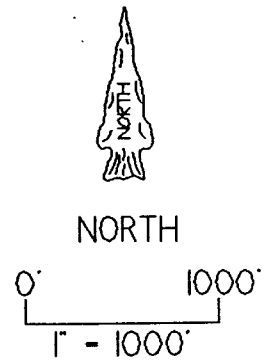
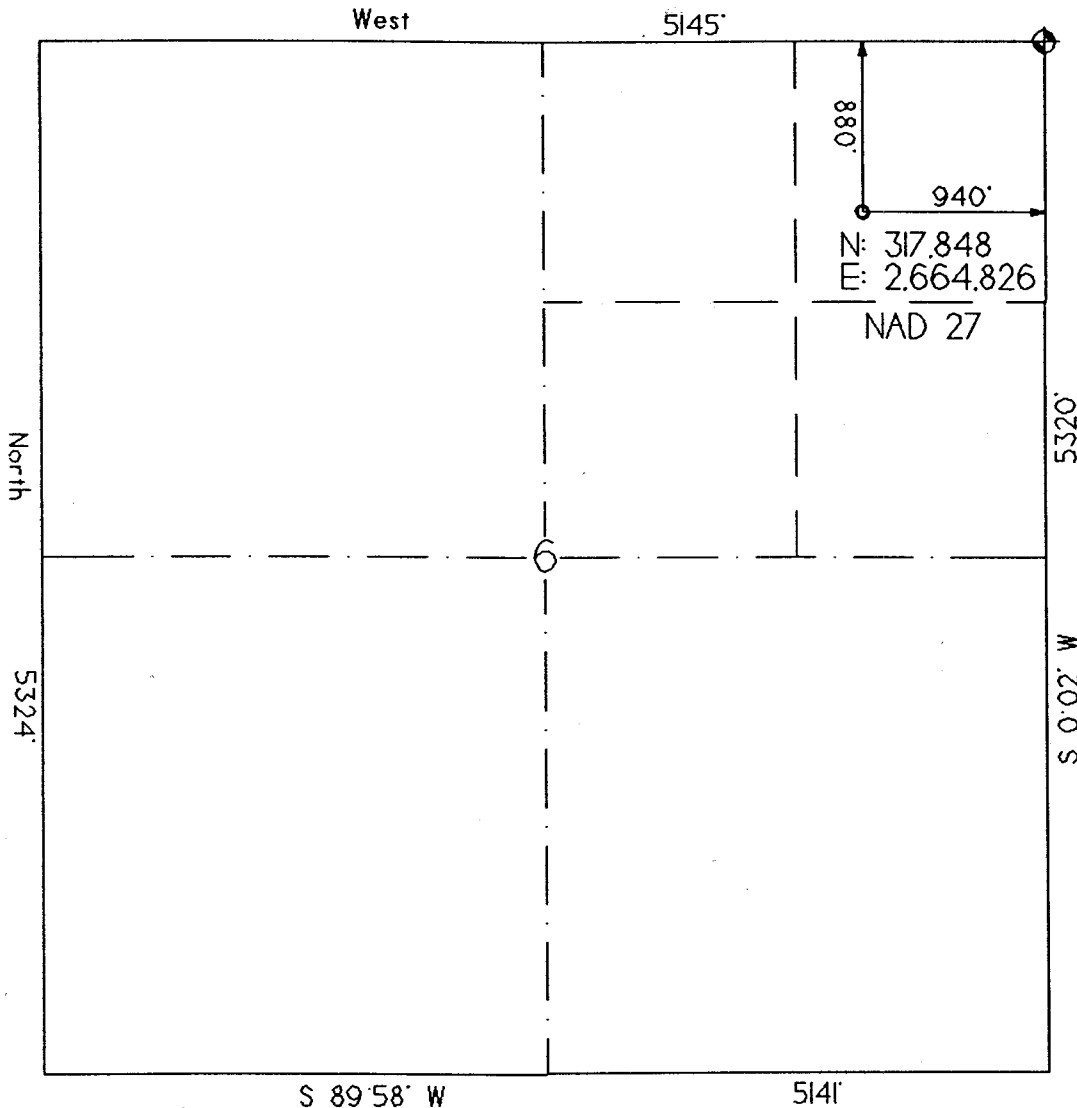
DATE

04-29-02

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

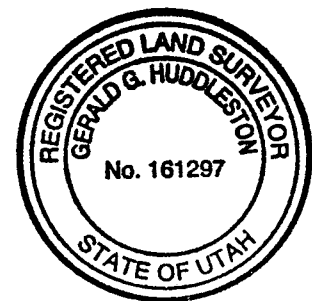
Well Location Plat



⊕ brass cap
section from BLM
plat of record

Well Location Description

SAMEDAN OIL CORPORATION
Bonito
880' FNL & 940' FEL
Section 6, T.38 S., R.25 E., SLM
San Juan County, UT
5300' .grd. el. (from GPS)



27 March 2002

Gerald G. Huddleston
Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330

Samedan Oil Corporation
Bonito 41-6-85
880' FNL & 940' FEL
Sec. 6, T. 38 S., R. 25 E.
San Juan County, Utah

PAGE 1

Drilling Program

1. FORMATION TOPS

The estimated tops of important geologic markers are:

<u>Formation Name</u>	<u>GL Depth</u>	<u>KB Depth</u>	<u>Elevation</u>
Morrison	0'	10'	+5,300'
Navajo Ss	325'	335'	+4,975'
Wingate Ss	1,060'	1,070'	+4,240'
Chinle Sh	1,570'	1,580'	+3,730'
Cutler Ss	2,185'	2,195'	+3,115'
Hermosa	4,150'	4,160'	+1,150'
Paradox	5,010'	5,020'	+290'
Ismay	5,435'	5,445'	-137'
Hovenweep Sh	5,291'	5,301'	-347'
Lower Ismay	5,332'	5,342'	-388'
Desert Creek	5,715'	5,725'	-415'
Total Depth (TD)*	5,860'	5,870'	-681'

* all elevations reflect the proposed graded ground level of 5,300'

2. NOTABLE ZONES

Oil and gas are possible in the Hermosa, Ismay (main goal), and Desert Creek (secondary). Fresh water may be found in the Navajo Wingate interval. Oil and gas shows which appear to the well site geologist to be commercial will be tested. All fresh water and prospectively valuable minerals will be recorded by depth and protected with casing and cement.

3. PRESSURE CONTROL

Samedan Oil Corporation
Bonito 41-6-85
880' FNL & 940' FEL
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An 8-5/8" x 11" casing head and 3000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. A diagram of a typical BOP is on Page 3. Actual model will not be known until bid is let.

BOP controls will be installed before drilling the surface casing plug, and will stay in use until the well is completed or P&A. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. All BOP mechanical and pressure tests will be recorded on the driller's log. BOPs will be inspected and operated at least daily to assure good mechanical working order. The inspection will be recorded on the daily drilling report. Call Jeff Brown at the BLM (435 587-1525) before testing BOPs.

4. CASING & CEMENT

<u>Hole Size</u>	<u>O. D.</u>	<u>I. D.</u>	<u>Drift</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Age</u>	<u>Depth</u>
12-1/4"	8-5/8"	8.097	7.972	23 #	M-50	ST&C	New	1,640'
7-7/8"	4-1/2"	4.052	3.927	10.5 #	M-50	ST&C	New	5,860'

Surface casing will be cemented to the surface in one stage with 1,075 cubic feet cement mixed with 2% CaCl₂ + 1/4 pound per sack cellophane flakes. Will pump 100% excess over calculated hole volume. Cement will have a compressive strength of 500 psi before drill out. At least the last 200 sacks of cement will be Class C mixed at a weight of 15.8 pounds per gallon and 1.16 cubic feet per sack. Bring 1" pipe to location for a top job. Tail and 1" cement will be same. Casing will be equipped with a guide shoe, shoe joint, insert float collar (auto fill), and ≈15 centralizers. Thread lock shoe and float collar. Drop a top plug and displace with water.

Production casing will be cemented to 100' above the Hermosa in one stage. Cement across zones of interest will develop at least 1,000 psi compressive strength before perforating. Cement volumes will be determined by caliper log and then adding 25%.

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Typical long string cements pumped in this area are Class C mixed at 15.8 pounds per gallon and 1.16 cubic feet per sack + necessary retarders and fluid loss additives. Production casing will be equipped with float shoe (auto fill), shoe joint, float collar (auto fill), and ≈25 centralizers.

Call Jeff Brown at the BLM (435 587-1525) before running casing.

5. MUD PROGRAM

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Type</u>
0-1300'	8.4-8.8	27-45	N/C	Fresh water spud mud
1300'-5000'	8.4-8.6	28-32	N/C	Fresh water/poly/gel/lime
5000' - TD	8.8-9.2	34-45	8-12 cc/30 min.	LSND

Samples will be collected every 30' from base of surface casing to ≈5,000'. Samples will be collected every 10' from ≈5,000' to TD. A mud logger will be on location from ≈5,000' to TD. A trailer full of barite will be on location in case of a kick.

6. CORING, TESTING, & LOGGING

A 30' core may be cut in the Ismay. DSTs may be run in the Ismay and/or Desert Creek if warranted. GR/CAL/SP/Array Induction log suite will be run from TD to ground level. Array Induction, full wave dipole sonic, density, and neutron logs will be run from TD to 4,000'. Rotary side wall cores may be taken in one run. Single shot drift surveys will be run every 500' and on all bit trips and all casing points.

7. DOWN HOLE CONDITIONS

No abnormal temperatures or pressures or hydrogen sulfide are expected.

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Maximum pressure will be \approx 2,350 psi.

8. OTHER INFORMATION

The anticipated spud date is May 1, 2002. It is expected it will take \approx 2 weeks to drill and \approx 2 weeks to complete the well. Tubing will be 2-3/8".

Call BLM (435 587-1525 or 435 259-6111) or the Utah Division of Oil, Gas, & Mining (801 538-5340) before plugging and abandoning the well.

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Surface Use Plan

1. DIRECTIONS (See Pages 12 & 13)

From the Montezuma Creek Post Office, go North 14.1 miles on U-262
Then turn right and go East 6.8 mi. on paved N-5099 to just past Hatch TP
Then turn left and go N 8.5 miles on gravel County Road 446
Then turn right and go NE 3.7 miles on dirt County Road 347 (Bug Pt.)
Then bear left and go N 1.3 miles to a Wexpro tank battery
Then turn left at the battery and go W 1.5 miles through a gate/cattle guard
Then turn left after the gate and go SW 0.25 miles on a jeep trail

Roads will be maintained to a standard at least equal to their present condition.

This APD is doubling as a BLM road right-of-way application. Right-of-way is an existing oil field road and crosses W2SW4 33-37s-25e and NWNW 5-38s-25e, SLBM, San Juan County, Utah. Dimensions: 20' x 2,640' = 1.21 acres.

2. ROAD TO BE BUILT OR UPGRADED (See Page 13)

Dirt contractor will call BLM (435 587-1525) 48 hours before starting construction. Surface disturbance and vehicle travel will be limited to the pad and road. Any additional area needed must be approved in advance by BLM.

No new road will be built. The final quarter mile of access will be upgraded (flat bladed with a 16' wide running surface). Maximum disturbed width will be 20'. Maximum cut or fill is 3'. Maximum grade is 5%. No cattle guard, culvert, or turnout is needed. However, the existing cattle guard will be cleaned out. Jeep trail across pad will be kept open.

If the well is a producer, the final quarter mile of access will be upgraded to

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Class 3 Road Standards within 60 days of dismantling the rig. If the deadline cannot be met, BLM will be notified so temporary drainage control can be installed. Class 3 Road Standards control drainage by using topography, ditch turnouts, dips, out sloping, crowning, low water crossings, rock surfacing, and culverts.

3. EXISTING WELLS (See Page 13)

There are four oil wells, three plugged and abandoned wells, and four water wells within a mile. There are no existing disposal or gas wells within a mile.

4. PROPOSED PRODUCTION FACILITIES

A well head, pump, separator, meter run, dehydrator, and tank battery will be installed. All will be painted a flat tan or juniper green color. Tanks will be surrounded by an impermeable dike with sufficient capacity to hold 150% of the volume of the largest tank within the dike.

5. WATER SUPPLY

Samedan will use Wexpro's permitted (09-2034) existing water well in NESW 32-37s-25e or Richard Perkins permitted (all 09-169) existing artesian wells in NESE 12-38s-24e or NWSW, NESE, or SESW 7-38s-25e.

6. CONSTRUCTION MATERIALS & METHODS (See Pages 14 & 15)

The dirt contractor will have an approved copy of the surface use plan.

Any cultural and/or paleontology resource (historic or prehistoric site or object) discovered by Samedan, or any person working on their behalf, will be

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immediately reported to BLM (435 587-1500). Samedan will suspend all operations in the immediate area of such discovery until written approval to proceed is issued by BLM. An evaluation of the discovery will be made by BLM to determine appropriate action to prevent the loss of significant cultural or scientific values. Samedan will be responsible for the cost of evaluation. Any decision as to proper mitigation measures will be made by BLM after consulting with Samedan.

Top soil and brush will be stripped and stock piled west of the pad. Pit subsoil will be stored north of the pit and separate from the topsoil.

If needed (BLM will make the decision - hence the need to notify BLM before starting construction), the reserve pit will be lined at least 24 tons of commercial bentonite worked into 3:1 sides. No liquid hydrocarbons will be discharged to the pit, pad, or road. Should hydrocarbons escape, they will be cleaned up and removed within 48 hours.

Pit will be fenced 48" high on 3 sides with 32" high woven wire topped with 2 smooth wire stands 4" and 16" above the woven wire. Steel posts will be set $\approx 16.5'$ apart. Two stays will be used between posts. Corner posts will be $\geq 6"$ O. D. wood and anchored with dead men. The 4th side will be fenced the same when drilling stops. The fence will be kept in good repair while the pit dries.

7. WASTE DISPOSAL

Once drilling is completed, Samedan will cover the top of the reserve pit with net. Net mesh will be $\leq 1"$ in diameter. Once dry, contents of the reserve pit will be buried in place.

Human waste will be disposed of in chemical toilets, which will be hauled to a state approved dump station. All trash will be placed in a portable trash cage. It will be hauled to the county landfill. There will be no trash burial or burning.

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8. ANCILLARY FACILITIES

There will be no air strips or camps. Camper trailers may be on location for the company man, tool pusher, and mud loggers.

9. WELL SITE LAYOUT

See PAGES 14 and 15 for depictions of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION & REVEGETATION

Upon completion of drilling, the well site will be cleared of all debris, material, and junk not needed for production.

Reclamation will start when the reserve pit is dry. All areas not needed for production will be back filled, contoured to natural contours, and reserved topsoil spread. If the well is a producer, then enough topsoil will be saved to reclaim the rest of the pad. The topsoil pile and all reclaimed areas will be broadcast seeded between October 1 and February 28 with the following mix. Sown areas will be left rough and lightly harrowed (4" deep) after seeding. Maximum span between harrow or ripped furrows will be 6".

- 2 pounds per acre four wing saltbush
- 1 pound per acre wild sunflower
- 1 pound per acre Mormon tea
- 1 pound per acre galleta grass
- 1 pound per acre sand dropseed
- 1 pound per acre Indian ricegrass

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11. SURFACE OWNER

All construction is on BLM surface.

12. OTHER INFORMATION

BLM's Moab Field Office's phone number is (435) 259-6111.
BLM's Monticello Field Office's phone number is (435) 587-1500.

Safe drilling and operating practices will be used. The nearest hospital is over a one hour drive away in Monticello. It is 3 blocks northwest of the intersection of US 666 and US 191. Hospital phone number is (435) 587-2116. Or dial 1-800-332-1911 from anywhere in San Juan County, Ut.

13. REPRESENTATION & CERTIFICATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant
Permits West, Inc.
37 Verano Loop
Santa Fe, NM 87508
(505) 466-8120 FAX: (505) 466-9682 Cellular: (505) 699-2276

The field representative will be:

Scott Steinke
Samedan Oil Corporation
12600 Northborough, Suite 250
Houston, Tx. 77067
(281) 874-6773

The pumper will be:

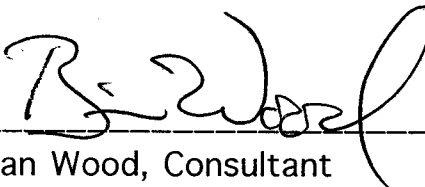
Randy Shelton (435) 678-2169 or (435) 459-1027

Samedan Oil Corporation
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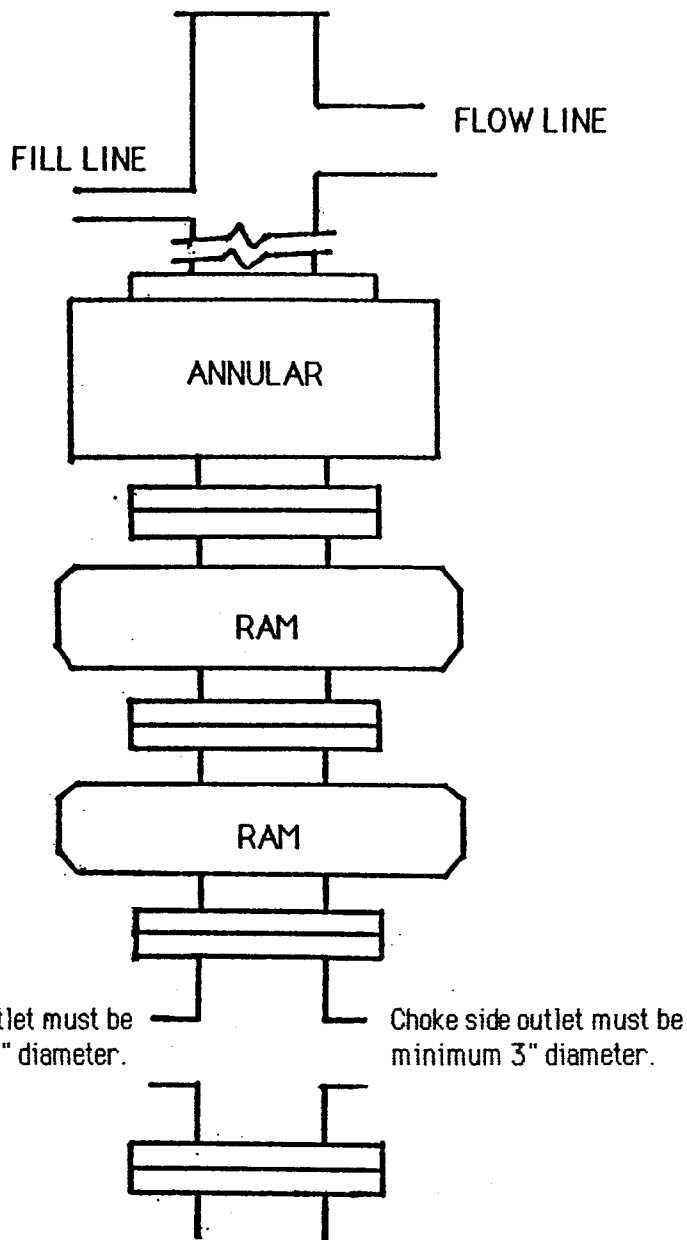
Samedan Oil Corporation is considered to be the operator of the Bonito 41-6-85 well in the NENE 24-38s-25e, Lease UTU-79828, San Juan County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands. Bond (\$150,000 nationwide bond (#4149383 on file with BLM in Santa Fe, NM) coverage for this well will be provided via surety consent as provided for in 43 CFR 3104.2. BLM will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

I hereby certify Samedan Oil Corporation has the necessary consents from the proper lease and unit interest owners to conduct lease operations in conjunction with this APD. Bond coverage *per* 43 CFR 3104 for lease activities will be provided by Samedan Oil Corporation I hereby certify I have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Stone Energy, L. L. C. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.



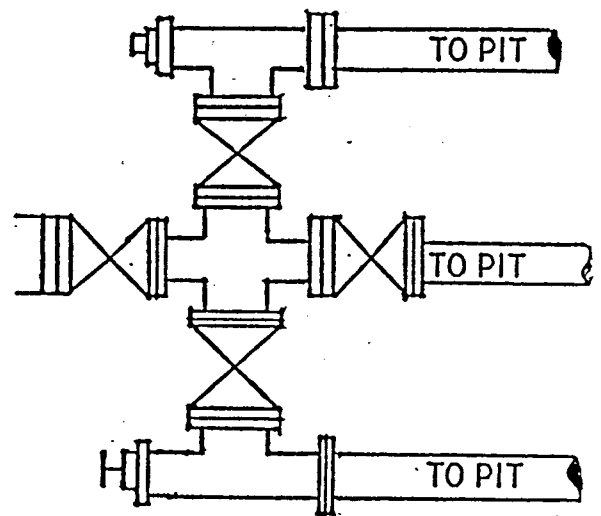
Brian Wood, Consultant

April 10, 2002
Date

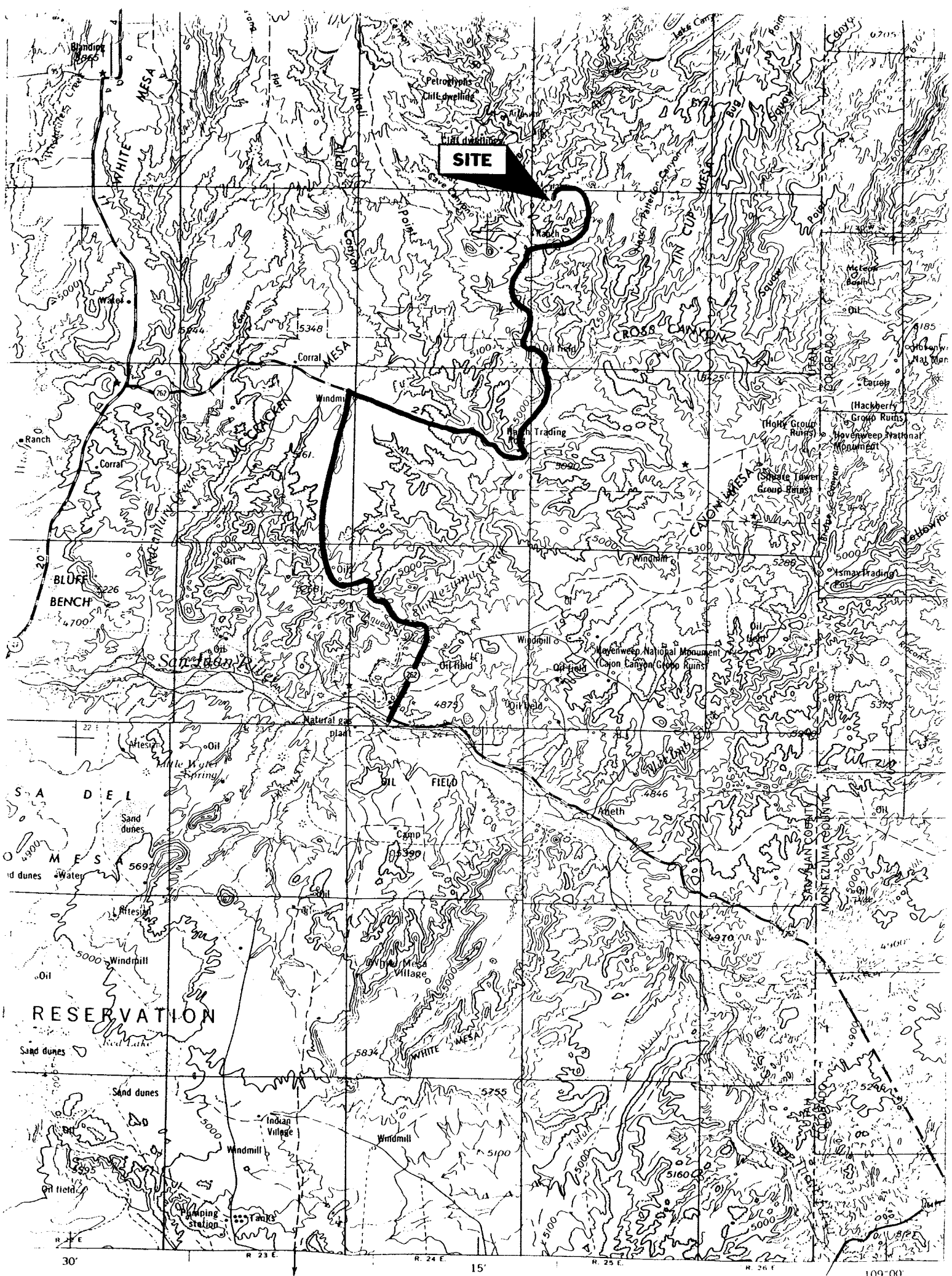


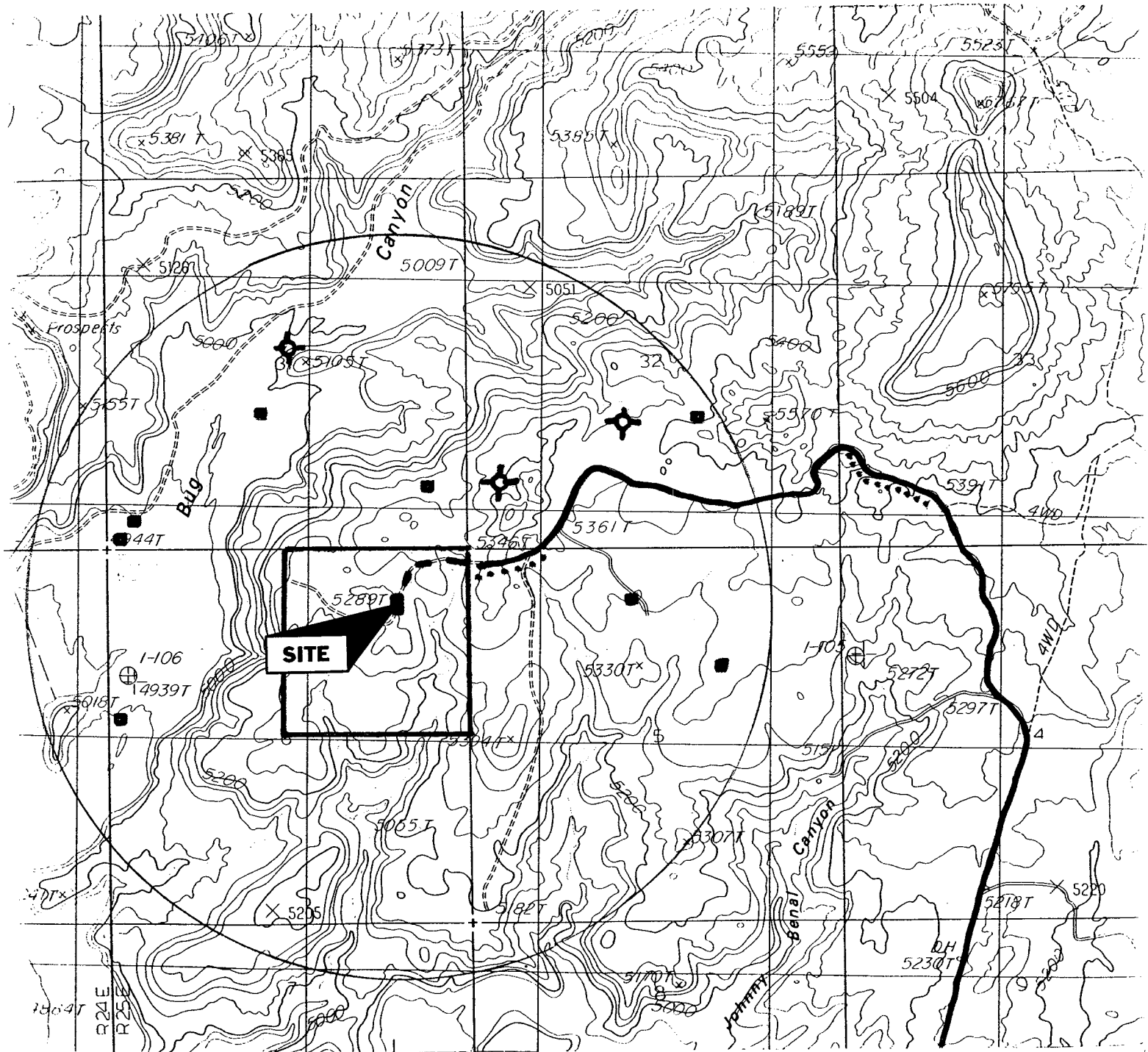
TYPICAL BOP STACK
& CHOKE MANIFOLD








There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Upper kelly cock will have handle available.
Safety valve and subs will fit all drill string connections in use.
All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

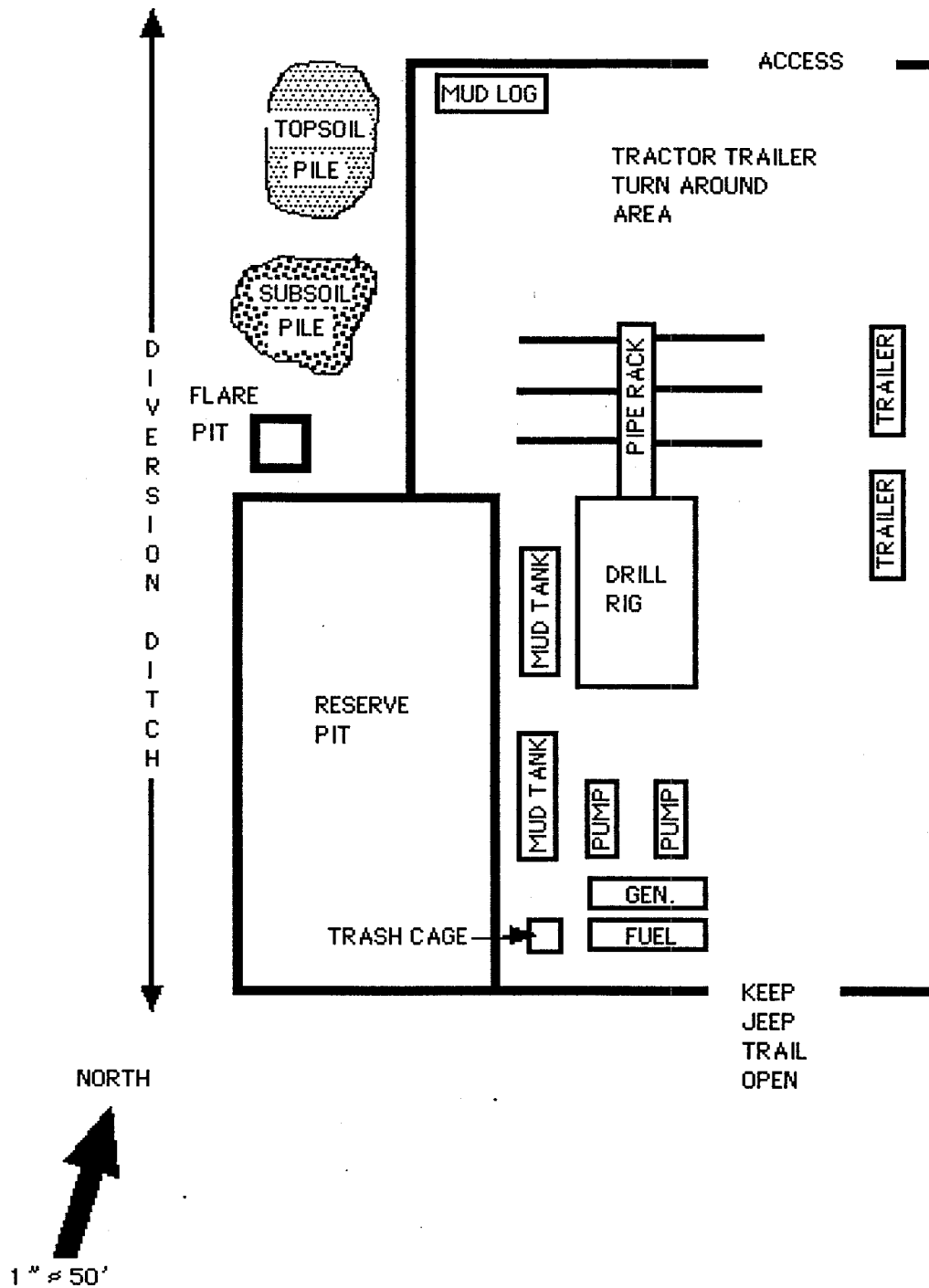




PROPOSED WELL:  ROAD UPGRADE: 
EXISTING WELL:  EXISTING ROAD: 
P & A WELL:  BLM R/W: 
LEASE: 

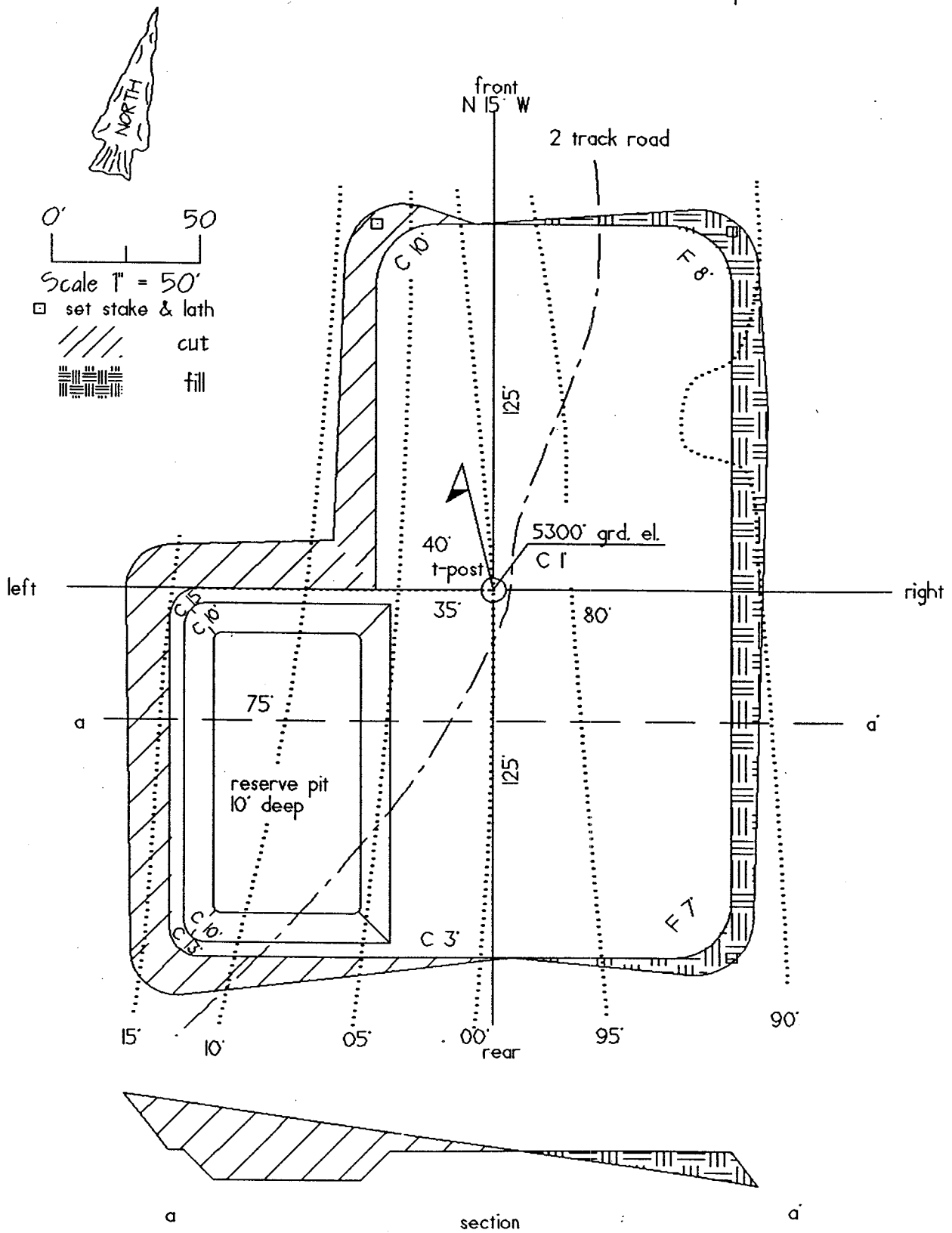
Samedan Oil Corporation
Bonito 41-6-85
880' FNL & 940' FEL
Sec. 6, T. 38 S., R. 25 E.
San Juan County, Utah

PAGE 14



Bonito

well pad & section



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/15/2002

API NO. ASSIGNED: 43-037-31824

WELL NAME: BONITO 41-6-85

OPERATOR: SAMEDAN OIL CORPORATION (N0185)

CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

NENE 06 380S 250E

SURFACE: 0880 FNL 0940 FEL

BOTTOM: 0880 FNL 0940 FEL

SAN JUAN

PATTERSON CANYON (420)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-79828

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: ~~DSCR~~ ISDC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4149383)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 09-2034)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

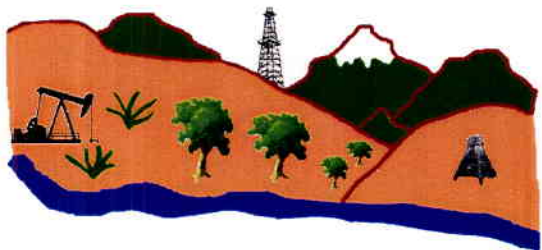
LOCATION AND SITING:

☐ R649-2-3. Unit
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval
2- Spring SHP



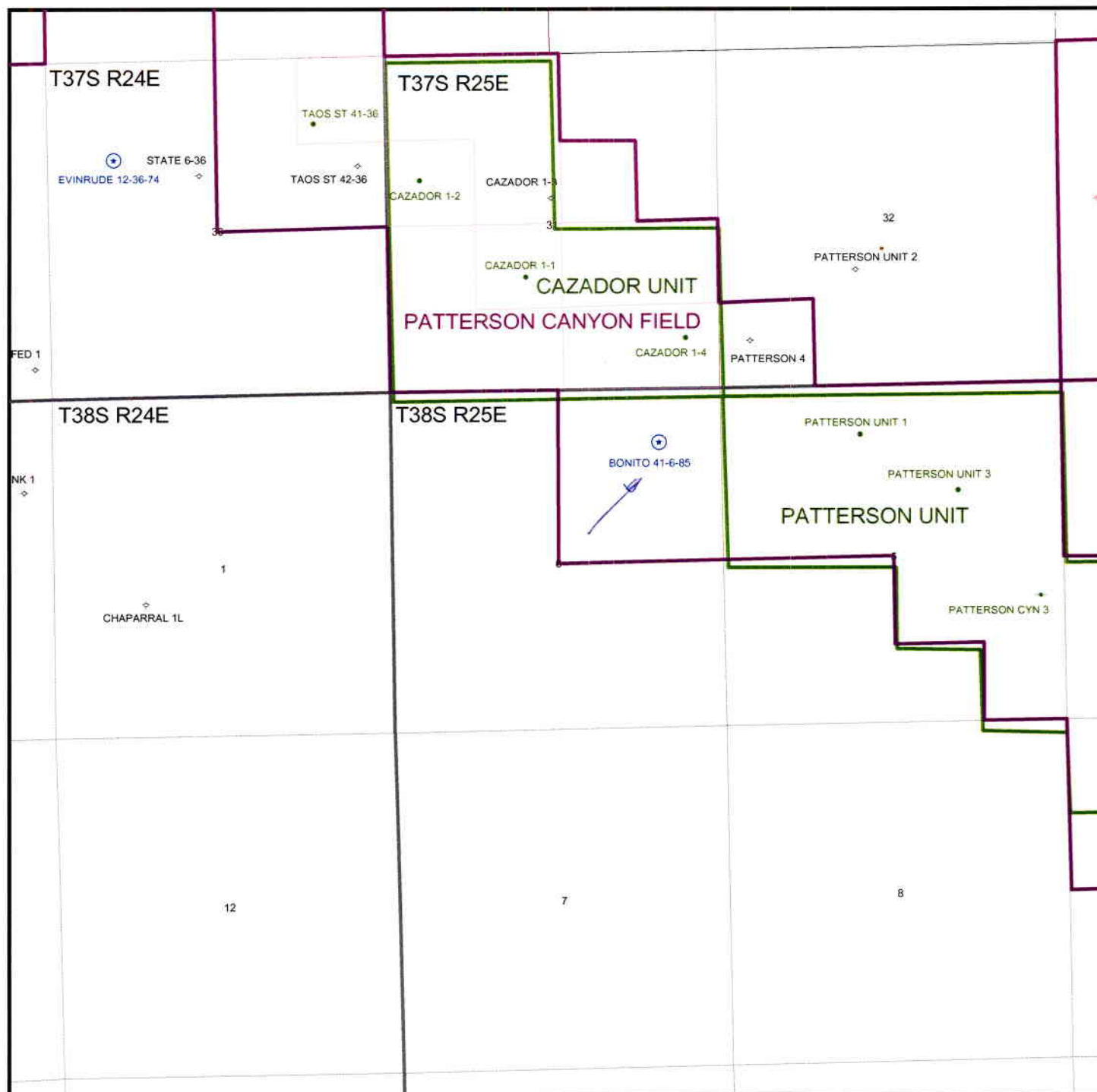
Utah Oil Gas and Mining

OPERATOR: SAMEDAN OIL CORP (N0185)

SEC. 6, T38S, R25E

FIELD: PATTERSON (420)

COUNTY: SAN JUAN





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 29, 2002

Samedan Oil Corporation
12600 Northborough Suite 250
Houston TX 77067

Re: Bonito 41-6-85 Well, 880' FNL, 940' FEL, NE NE, Sec. 6, T. 38 South, R. 25 East,
San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31824.

Sincerely,

John R. Baza
Associate Director

er

Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: Samedan Oil Corporation
Well Name & Number Bonito 41-6-85
API Number: 43-037-31824
Lease: UTU-79828
Location: NE NE **Sec.** 6 **T.** 38 South **R.** 25 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. BONITO 41-6-85	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7002 APR 15 P 2:24A	
2. NAME OF OPERATOR Samedan Oil Corporation (281) 876-6150		7. UNIT AGREEMENT NAME DEPT OF THE INTERIOR BUREAU OF LAND MGMT Bonito 41-6-85	
3. ADDRESS AND TELEPHONE NO. 12600 Northborough, Suite 250, Houston, Tx. 77067		9. API WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 880' FNL & 940' FEL		10. FIELD AND POOL, OR WILDCAT Patterson Canyon	
At proposed prod. zone Same		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA 6-38s-25e SLBM	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 air miles NNE of Montezuma Creek, Ut.		12. COUNTY OR PARISH 13. STATE San Juan Ut.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 880'		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,300' ungraded		22. APPROX. DATE WORK WILL START* May 1, 2002	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	M-50 8-5/8"	23	1,640'	~1360 cu. ft. & to surface
7-7/8"	M-50 4-1/2"	10.5	5,860'	~500 cu ft. & to 4,050'

This APD is doubling as a BLM road right-of-way application. Right-of-way is an existing oil field road and crosses W2SW4 33-37s-25e and NWNW 5-38s-25e, SLBM, San Juan County, Utah. Dimensions: 20' x 2,640' = 1.21 acres.

RECEIVED

MAY 8 2001

DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL ATTACHEDFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
Dated 1/1/80

cc: BLM (M & P), Steinke, UDOGM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

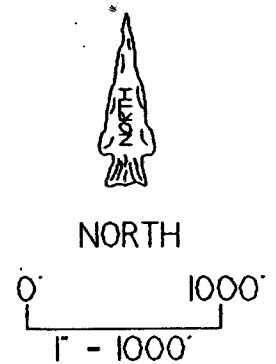
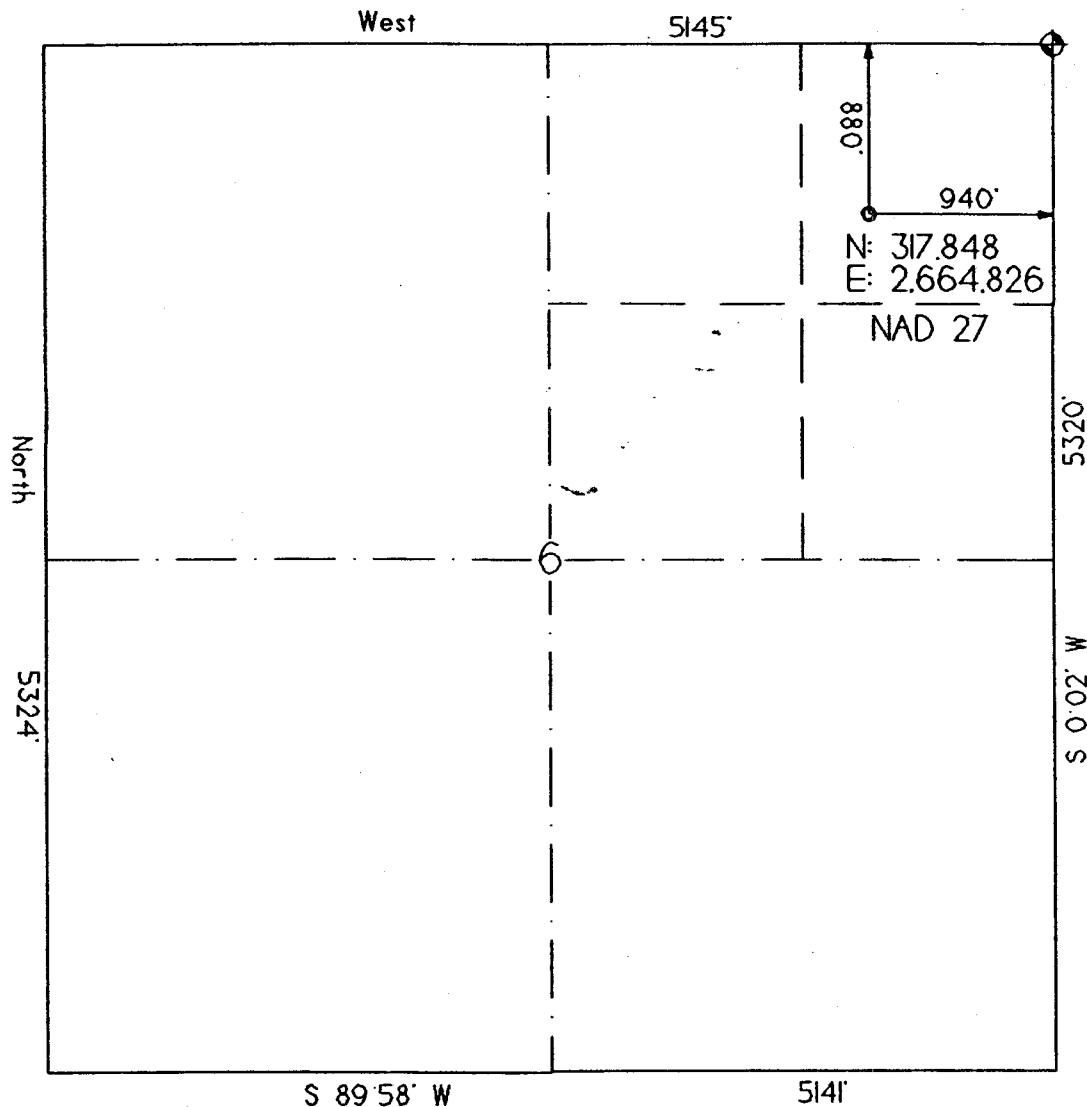
24. SIGNED [Signature] TITLE Consultant (505) 466-8120 DATE 4-10-02
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /S/ WILLIAM C. STRINGER TITLE Assistant Field Manager, DATE MAY 3 2002
Division of Resources

*See Instructions On Reverse Side

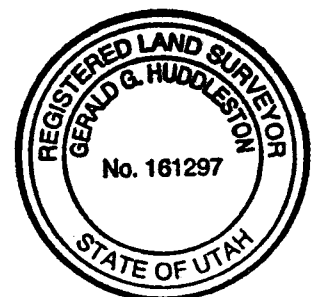
Well Location Plat



⊕ brass cap
section from BLM
plat of record

Well Location Description

SAMEDAN OIL CORPORATION
Bonito
880' FNL & 940' FEL
Section 6, T.38 S., R.25 E., SLM
San Juan County, UT
5300' grd. el. (from GPS)



27 March 2002

Gerald G. Huddleston
Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330

Samedan Oil Corporation
Bonito 41-6-85
Lease U-79828
NE/NE Section 6, T38S, R25E
San Juan County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION, from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Samedan Oil Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by NM0484 (Principal - Samedan Oil Corporation) via surety consent as provided for in 43 CFR § 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR § 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR § 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

1. The proposed 3M BOPE configuration is adequate for the proposed depth and location. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities. The proposed well location does not fall within a spacing "window" and, therefore, does not conform to general well siting code.

B. SURFACE

1. No surface disturbing activities shall take place on lease UTU-79828 until the associated ROW is approved. The holder will adhere to special stipulations in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.
2. A raptor survey and clearance of the affected area surrounding the proposed drilling site shall be accomplished prior to work initiation if the proposed well is drilled between February 1, and August 31. If site preparation and drilling operations occur during the raptor breeding season (February 1 through August 31), and if active raptor nests are found within one-half mile of the proposed action, then the proposed action could cause birds to abandon their nests, thus leaving nestlings to die, or causing birds to avoid nesting which would result in loss of reproduction. If the raptor survey locates an active raptor nesting territory which will be affected by this proposal, no work will be allowed until nestlings have fledged. This will apply to the golden eagle and all other raptors found to be nesting within 0.5 mile of the proposed site. Discussion will be entered into by the Monticello Field Office with the U.S. Fish & Wildlife Service to determine the feasibility of allowing drilling of said well closer (0.25 mile) of the proposed drill site if it can be proven that activity (noise and visual impacts) can take place without impacting the nesting birds and their offspring. The U.S. Fish & Wildlife Service will be fully consulted if golden eagle nesting becomes an issue and given updates on the nesting status of these birds.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed, with the Moab Field Office, for approval of all changes of plans and subsequent operations in accordance with 43 CFR § 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Monticello Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Monticello Field Office. The Monticello Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR § 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- Produced waste water may be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No. 7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR § 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Jeff Brown (435-587-1525) of the BLM, Monticello Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation;

1 day prior to spudding;

50 feet prior to reaching the surface casing (8⁵/₈" setting depth;

3 hours prior to testing BOP

If the person at the above number cannot be reached, notify the Moab Field Office at (435) 259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at (435) 259-2100. If approval is needed after work hours, you may contact:

Eric Jones, Petroleum Engineer

Office: (435) 259-2117

Home: (435) 259-2214

006
DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: SAMEDAN OIL CORPORATION

Well Name: BONITO 41-6-85

Api No. 43-037-31824 LEASE TYPE: FEDERAL

Section 06 Township 38S Range 25E County SAN JUAN

Drilling Contractor BILL MARTIN RIG # RATHOLE

SPUDDED:

Date 06/07/02

Time _____

How DRY

Drilling will commence _____

Reported by RANDY SHELTON

Telephone # "CELL" 1-435-459-1027

Date 06/12/2002 Signed: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU 79828

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
BONITO 41-6-85

9. API Well No.
43-037-31824

10. Field and Pool, or Exploratory
PATTERSON CANYON

11. County or Parish, and State
SAN JUAN COUNTY, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
SAMEDAN OIL CORPORATION

Contact: JANIS VERCHER
E-Mail: jvercher@nobleenergyinc.com

3a. Address
12600 NORTHBOROUGH, SUITE 250
HOUSTON, TX 77067

3b. Phone No. (include area code)
Ph: 281.872.2505
Fx: 282.872.2503

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T38S R25E NENE 880FNL 940FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cyclone Drilling Co. Rig #16
Spudded well at 11:30pm 06/15/02
Drilled 12 1/4" hole to 224'.
Drilling operations to continue.

RECEIVED

JUN 20 2002

DIVISION OF
GAS AND MINING

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #12089 verified by the BLM Well Information System
For SAMEDAN OIL CORPORATION, sent to the Moab

Name (Printed/Typed) JANIS VERCHER

Title REPORT PREPARER

Signature

Janis Vercher
(Electronic Submission)

Date 06/17/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

007

RECEIVED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

JUN 20 2002

ENTITY ACTION FORM**DIVISION OF****OIL, GAS AND MINING**Operator: SAMEDAN OIL CORPORATIONOperator Account Number: N 0185Address: 12600 NORTHBOROUGH, #250city HOUSTONstate TXzip 77067Phone Number: (281) 876-6150

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303731824	BONITO 41-6-85		NENE	6	38S	25E	SAN JUAN
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13517	6/15/2002			6-20-02	
Comments:							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

JANIS L. VERCHER

Name (Please Print)

Signature

REGULATORY CLERK I

Title

6/17/2002

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU 79828
2. Name of Operator SAMEDAN OIL CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.872.2505 Fx: 282.872.2503		8. Well Name and No. BONITO 41-6-85
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T38S R25E NENE 880FNL 940FEL		9. API Well No. 43-037-31824
		10. Field and Pool, or Exploratory PATTERSON CANYON
		11. County or Parish, and State SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

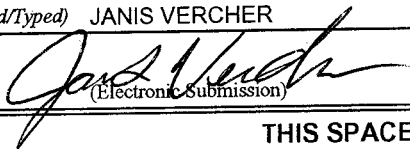
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

5/24/02 - Move in equipment to build location
5/28/02-6/6/02 - Built location
6/6/02-6/8/02 - Set 40"x 16" conductor casing & cement, drilled rat & mouse holes
6/12/02-6/13/02 - Mobilization of rig, set equipment in place, stacking to rig up rotary tools
6/14/02 - Rigging up
6/15/02 - Spud well with 12 1/4" hole drilling to 224'
6/16/02 - Drilling to 1,025', surveyed at 460' 3/4 Deg.
6/17/02 - Drilling to 1,668', ran 38 joints 8-5/8" 24# J-55 STC casing, cement 8-5/8" casing:
Pumped 30 BFW sweep, 600 sks lead cement, tailed w/200 sks standard cement, displaced cement w/66.5 BFW, plug down @ 6:44am, circulate 70 bbls cement to pits, cement started to fall, will top out.
6/18/02 - Cement fell 50', topped out w/50sks standard neat cement @ 15.8 ppg, 10bbls slurry, testing BOPE w/BLM on location

RECEIVED

JUN 28 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #12285 verified by the BLM Well Information System For SAMEDAN OIL CORPORATION, sent to the Moab	
Name (Printed/Typed) JANIS VERCHER	Title REPORT PREPARER
Signature  (Electronic Submission)	Date 06/25/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Additional data for EC transaction #12285 that would not fit on the form

32. Additional remarks, continued

6/19/02 - Testing, drilling to 1,792'
6/20/02 - Drilling to 3,093', surveys
6/21/02 - Drilling to 3,756', survey, flowing 1" stream water
6/22/02 - Drilling to 4,529', survey
6/23/02 - Drilling to 5,176', surveys, ck'd BOPE

Please see attached daily drilling reports for more details.

cc: The State of Utah (UDOGM)

RECEIVED

JUN 28 2002

**DIVISION OF
OIL, GAS AND MINING**

Samedan Oil Corporation

Created: Thursday June/13/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Thu 06/13/2002

DOL:1

Daily:\$94,409

Cum:\$94,409

Rpt #1

MD:0

TVD:0

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

5/24/02 - MI equip to build location

5/28-6/6/02 - Built location

6/6-6/8/02 - Set 40' x 16" conductor csg & cmt, drld rat & mouse holes

6/12-6/13/02 - Mobization of rig - 1 day moving rate fee - Setting equip in place - Stacking to

RU rotary tools.. PREPARING TO SPUD WELL FRIDAY, 6/14/02 IN P.M.

RECEIVED

JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Friday June/14/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - **DRILLING**

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Fri 06/14/2002

Rpt #2

SUMMARY

RURTs - Well should spud late this evening or early morning.

DOL:2

MD:0

Progress: 0

Daily:\$94,409

TVD:0

Mud Wgt:0

Cum:\$188,818

PBTD:

Mud Vis:

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Monday June/17/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Sat 06/15/2002

Rpt #3

SUMMARY

RU

DOL:3

MD:0

Progress: 0

Daily:\$1,109

TVD:0

Mud Wgt:0

Cum:\$189,927

PBTD:

Mud Vis:

RECEIVED

JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Monday June/17/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Sun 06/16/2002

DOL:4

Daily:\$920

Cum:\$190,847

Rpt #4

MD:224

TVD:224

PBTD:

SUMMARY

Progress: 224 / 7.5 hrs

Mud Wgt:0

Mud Vis:

RU. Spud well. Drlg surf hole at 224'.

RECEIVED

JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Monday June/17/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - **DRILLING**

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Mon 06/17/2002

DOL:5

Daily:\$920

Cum:\$191,767

Rpt #5

MD:1,025

TVD:1,025

PBTD:

SUMMARY

Progress: 801 / 23 hrs

Mud Wgt:0

Mud Vis:

Drlg. Rig Service. Drlg. Survd at 460', 3/4 deg. Drlg

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Tuesday June/18/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - **DRILLING**

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Tue 06/18/2002

DOL:6

Daily:\$38,687

Cum:\$230,454

Rpt #6

MD:1,668

TVD:1,025

PBTD:

SUMMARY

Progress: 643 / 41.5 hrs

Mud Wgt:0

Mud Vis:

Svy. Drld. R/S. Drld. Circ/sweep hole. WL svy. Short trip to collars (950'), no fill. Pump sweep - Circ hole. SOOH - LD 8" DCs. RU csg crw & ran 8-5/8" 24# J-55 STC csg as follows: 8-5/8" guide shoe, shoe jt (20'), auto-fill inseat float, 38 jts csg (1665') - Shoe set @ 1668', inseat float @ 1648' - Ran 13 centralizers, middle of shoe jt & the next 12 every other jt.. Circ while RU Halliburton cementers. Cmt 8-5/8" csg - Pumped 30 BFW sweep, 600 sxs lead cmt (65/35 standard Poz w/6% gel, 2% CaCl, 1/4" flocele @ 12.4 ppg, 215 bbls) - Tailed w/200 sxs standard cmt (1% CaCl + 1/4# flocele @ 15.6 ppg, 43 bbls) - Displaced cmt w/96.5 BFW - Plug down @ 6:44 AM 6/18/02 - Float held OK - Circ 70 bbls cmt to pits - Good circ throughout cmt job - Cmt started to fall - Will top out.

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Wednesday June/19/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Location SAN JUAN UTAH

Well **BONITO 41-6-85**

Contractor:

ID **API 43-037-31824**

Drilling Rig:

Event: 1 - **DRILLING**

AFE Number: 43473

Operated

AFE Estimate: \$403,120

Legal **NENE 6-38S-25E**

Pros Name **BONITO**

SOC WI 1.0000000

Pros Number 44874

SOC RI 0.7700000

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Wed 06/19/2002

DOL:7

Daily:\$11,587

Cum:\$242,041

Rpt #7

MD:1,668

TVD:1,025

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

WOC to finish falling back (fell 50'). Topped out 8-5/8" csg w/50 sks standard Neat cmt @ 15.8 ppg, 10 bbls slurry. WOC. Cut off & welded on 8-5/8" x 3000# slip on wellhead & tested weld - Held OK. NU 3000# BOPE. Testing BOPE w/BLM on location

- 1) Accumulator not working
 - 2) Blind rams leaking - changing out rubbers now
 - 3) Center valve on chk manifold leaking
 - 4) Top spacer spool leaking
 - 5) Check valve on kill line leaking
 - 6) Pipe rams held - spacer spool - test OK *
 - 7) Got check valve & center valve to test OK *
 - 8) Two outside valves on manifold - test OK *
 - 9) Two valves btm BOP to chk manifold - test OK *
- * Still need to test blinds, kelly cock, hydril

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Thursday June/20/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Thu 06/20/2002

DOL:8

Daily:\$6,924

Cum:\$248,965

Rpt #8

MD:1,792

TVD:1,025

PBTD:

SUMMARY

Progress: 124 / 19 hrs

Mud Wgt:0

Mud Vis:

Tstd BOPE, hydrl 1500 psi - Rams, chk manifold, kill valves, kelly cock to 3000 psi - All 10 min tst - Tstd csg & dart valve to 1400 psi 30 min - Bit on btm, pipe rams closed, pumping down csg. TIH. Drid cmt, float & shoe - (Rubber plug), 60' cmt on top of float - 20' shoe - 80' total cmt. Drlg

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Friday June/21/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Fri 06/21/2002

DOL:9

Daily:\$10,862

Cum:\$259,827

Rpt #9

MD:3,093

TVD:1,025

PBTD:

SUMMARY

Progress: 1301 / 22 hrs

Mud Wgt:0

Mud Vis:

Drig. R/S - Svy. Drig. Svy. Drig. Svy. Drig

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Monday June/24/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Sat 06/22/2002

DOL:10

Daily:\$15,410

Cum:\$275,237

Rpt #10

MD:3,756

TVD:1,025

PBTD:

SUMMARY

Progress: 663 / 19.5 hrs

Mud Wgt:0

Mud Vis:

Drid. Svy'd. Drid. R/S. Drid. TOOH (flowing 1" stream wtr). PU Biti #3 - TIH

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Monday June/24/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Sun 06/23/2002

DOL:11

Daily:\$9,938

Cum:\$285,175

Rpt #11

MD:4,529

TVD:1,025

PBTD:

SUMMARY

Progress: 773 / 18.5 hrs

Mud Wgt:0

Mud Vis:

TIH w/Bit 33. W&R to btm (132'). Drlg. Svy - R/S. Drlg

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JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Monday June/24/2002

281-876-6147

ONSHORE Development Well

OPERATOR ->SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - **DRILLING**

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Mon 06/24/2002

DOL:12

Daily:\$14,129

Cum:\$299,304

Rpt #12

MD:5,176

TVD:1,025

PBTD:

SUMMARY

Progress: 647 / 23 hrs

Mud Wgt:0

Mud Vis:

R/S - Svy'd. Drld. R/S - Svy'd - Ck'd BOPE. Drld

RECEIVED

JUN 28 2002

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU 79828
2. Name of Operator SAMEDAN OIL CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.872.2505 Fx: 282.872.2503		8. Well Name and No. BONITO 41-6-85
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T38S R25E NENE 880FNL 940FEL		9. API Well No. 43-037-31824
		10. Field and Pool, or Exploratory PATTERSON CANYON
		11. County or Parish, and State SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)


6/24/02 - Drilling, tripping out of hole, hole is in good shape, no drag or fill
6/25/02 - Core #1, cored 60' Ismay (5540'-5600') 238 units of gas in upper part Ismay, oil film on sample bucket, chaining out of hole w/core barrel.
6/26/02 - Received 57.4' of core out of 60', tested BOPE, washed 60' to bottom, circulated, waiting on DST tools.
6/27/02 - DST #1 Final Shut-in, 32 ounces, 270 minutes, no gas or odor to surface at this time.
6/28/02 - Drilling to 5,695'.
6/29/02 - Drilling to 5,710', Working stuck pipe at 5,665'.
6/30/02 - Circulate/Condition hole after back-off, have water flow from Chinle formation.

Please see attached daily drilling reports for more details.

RECEIVED

JUL 05 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #12471 verified by the BLM Well Information System For SAMEDAN OIL CORPORATION, sent to the Moab	
Name (Printed/Typed) JANIS VERCHER	Title REPORT PREPARER
Signature  (Electronic Submission)	Date 07/01/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for EC transaction #12471 that would not fit on the form

32. Additional remarks, continued

cc: The State of Utah (UDOGM)

RECEIVED

JUL 05 2002

**DIVISION OF
OIL, GAS AND MINING**

Samedan Oil Corporation

Created: Tuesday June/25/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well BONITO 41-6-85

ID API 43-037-31824

Event: 1 - DRILLING

Operated

Legal NENE 6-38S-25E

SOC WI 1.0000000

SOC RI 0.7700000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name BONITO

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Tue 06/25/2002

DOL:13

Daily:\$11,042

Cum:\$310,346

Rpt #13

MD:5,176

TVD:1,025

PBTD:

SUMMARY

Progress: 0 / 21.5 hrs

Mud Wgt:0

Mud Vis:

Drlg. Circ up samples & spotted pill for short trip. TOOH on short trip - Hole is in good shape, no drag or fill

RECEIVED

JUL 05 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: Wednesday June/26/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well BONITO 41-6-85

ID API 43-037-31824

Event: 1 - DRILLING

Operated

Legal NENE 6-38S-25E

SOC WI 1.0000000

SOC RI 0.7700000

Location SAN JUAN UTAH

Contractor: CYCLONE DRILLING INC.

Drilling Rig: CYCLONE RIG #16

AFE Number: 43473

AFE Estimate: \$403,120

Pros Name BONITO

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Wed 06/26/2002

DOL:14

Daily:\$20,159

Cum:\$330,505

Rpt #14

MD:5,600

TVD:1,025

PBTD:

SUMMARY

Progress: 424 / 7 hrs

Mud Wgt:0

Mud Vis:

TIH on short trip for core #1. C&C hole. TOOH for core. PU core barrel (1 hr) -
Worked on rig (2-1/2 hrs for new foot throttle). TIH w/core barrel. Cored 60' Ismay
(5540-5600')

Core Info: 5540-5545' - drld @ 1 MPF

5545-5547' - drld @ 2 MPF

5547-5600' - drld 5-10 MPF

238 units of gas in upper part Ismay - oil film on sample bucket.

Chaining out of hole w/core barrel

RECEIVED

JUL 05 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: **Thursday June/27/2002**

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Thu 06/27/2002

Rpt #15

SUMMARY

DOL:15

MD:5,600

Progress: 0

Daily:\$17,846

TVD:1,025

Mud Wgt:0

Cum:\$348,351

PBTD:

Mud Vis:

TOOH w/core barrel #1. LD core barrel - Rec'd 57.40' of core out of 60' - Also tested
BOPE. TIH w/bit #5 & DCs - Cut drlg line. Fnsd TIH. Washed 60' to btm - Circ -
Waiting on DST tools

RECEIVED

JUL 05 2002

**DIVISION OF
OIL, GAS AND MINING**

Samedan Oil Corporation

Created: Friday June/28/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Fri 06/28/2002

DOL:16

Daily:\$9,703

Cum:\$358,054

Rpt #16

MD:5,600

TVD:1,025

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

Circ for DST #1. Strap out of hole. PU DST tools. TIH w/DCs. Rig flare line for DST. RIH w/DST tools. 15 min pre-flow f/12:12 AM to 12:25 AM, 10" in bucket, btm of bucket to 6.4 ounces - 90 mins initial SI 12:27 to 2:00 AM - 90 min final flow 2:00 AM to 3:31 AM - Strong blow f/btm of bucket in 16 mins & climbed throughout test to 32 ounces - 270 mins final SI - Will be up @ 8 AM MDT - At this time, no gas or odor to surface.

RECEIVED

JUL 05 2002

DIVISION OF
OIL, GAS AND MINING

Samedan Oil Corporation

Created: **Monday July/01/2002**

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: **Drill and Complete a Flowing Ismay O&G Well**

Sat 06/29/2002

DOL:17

Daily:\$18,972

Cum:\$377,026

Rpt #17

MD:5,695

TVD:1,025

PBTD:

SUMMARY

Progress: 95 / 8 hrs

Mud Wgt:0

Mud Vis:

**Fnsht DST final shut-in. TOOH w/DST #1. Reversed ut 1037' fluid f/drill string - Rec
7.3 bbls of mud filtate & wtr, gas cut w/light foamy oil. Fnsht TOOH. LD DST tools.
TIH w/bit #5. Circ on btm. Drld. R/S. Drld**

RECEIVED

JUL 05 2002

**DIVISION OF
OIL, GAS AND MINING**

Samedan Oil Corporation

Created: **Monday July/01/2002**

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Sun 06/30/2002

DOL:18

Daily:\$21,028

Cum:\$398,054

Rpt #18

MD:5,710

TVD:1,025

PBTD:

SUMMARY

Progress: 110 / 1.5 hrs

Mud Wgt:0

Mud Vis:

Drld. R/S. Worked on #2 mud pump & hydro-static #1 pump was already down for repairs. Worked stuck pipe - cut MW back to 9.5 ppg & dropped vis to 35 - Spotted diesel & worked pipe while waiting on Enviro-Spot (pipe lax).. Spotted Enviro pill, 83 bbls diesel mixed w/7 drums Enviro-Spot. Worked stuck pipe @ 5665' - Will let Enviro-Spot work a min of 12 hrs.

RECEIVED

JUL 05 2002

**DIVISION OF
OIL, GAS AND MINING**

Samedan Oil Corporation

Created: Monday July/01/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Mon 07/01/2002

DOL:19

Daily:\$19,523

Cum:\$417,577

Rpt #19

MD:5,710

TVD:1,025

PBTD:

SUMMARY

Progress: 110

Mud Wgt:0

Mud Vis:

Worked stuck pipe @ 5665'. RU Weatherford Fishing Services freepoint & backed off DCs @ 5498' leaving 5 DCs, BS, bit to fish. Circ/Cond mud & hole - Have wtr flow from Chinle formation - Wt uup mud to 9.6-9.7 to control flow - Should be there in 2-3 more hours.

RECEIVED

JUL 05 2002

DIVISION OF
OIL, GAS AND MINING

013

RECEIVED

JUL 10 2002

**DIVISION OF
OIL, GAS AND MINING**

GEOLOGICAL WELL REPORT

Samedan Oil Corporation

Bonito #41-6-85

NE NE 6 (880' FNL, 940' FEL) T38S R25E *API # 43-039-31824*

San Juan County, Utah

Patterson Canyon Field

ELEVATIONS: 5291' Ground, 5304' KB

CASING: 39 Jts (1665') 24# J55 STC 8 5/8" New, Set at 1665' KB

SPUD: 6/15/02; COMPLETED: 7/7/02

TOTAL DEPTH: 5860' Drill Depth; 5854' Log Depth

STATUS: Waiting On Completion Tools

DRILLING CONTRACTOR: Cyclone Drilling, Rig 16

DRAWWORKS: Unit U-15

POWER: 2 D353 Caterpillars

PUMPS: 1) National 9P100, 9 1/4" stroke; 2) National 8P80, 8 1/2" stroke

TOOLPUSHER: Roger Schindler

CORES: Baker Hughes, Casper, Wyoming

Core #1: 5540 - 5600', Upper Ismay; Roy Ross

CORE DESTINATION: Core Lab, Houston, Texas; Craig Merritt

DRILL STEM TESTS: Schlumberger Well Services, Hobbs, New Mexico

DST #1: 5527'-5560' Upper Ismay, Valid Test; Bill Grayshaw

LOGGING: Halliburton Energy Services, Casper, Wyoming; Sean Olsen

High Resolution Induction: 1665 - 5845'

Wave Sonic w/GR: 1665 - 5844'

Density Neutron: 4700 - 5819'

MUD & CHEMICALS: Baroid Drilling Fluids, Farmington, New Mexico; Rory Martin

MUD LOGGING: Hot Wire/Chromatograph 5000' to Total Depth

SAMPLES: 10' Interval from 5000' to Total Depth

ENGINEER: Randy Shelton, Monticello, Utah

GEOLOGIST: Paul B. Slack, Aurora, Colorado

DAILY CHRONOLOGY
(6 am status)

<u>DAY</u>	<u>DATE</u>	<u>DEPTH AND OPERATION</u>	<u>FOOTAGE</u>	<u>REMARKS</u>
1	6/16/02	Drilling @ 201'	201'	Spud 2330 hrs, 6/15/02
2	6/17/02	Drilling @ 936'	735'	
3	6/18/02	WOC @ 1668'	732'	Ran Surface Casing
4	6/19/02	Testing BOP @ 1668'	0'	
5	6/20/02	Drilling @ 1752'	84'	
6	6/21/02	Drilling @ 3090'	1338'	
7	6/22/02	Drilling @ 3756'	666'	
8	6/23/02	Drilling @ 4486'	730'	
9	6/24/02	Drilling @ 5175'	689'	
10	6/25/02	Wiper Trip @ 5540'	365'	Core Point, Upper Ismay
11	6/26/02	Trip Out w/Core @ 5600'	60'	Core #1 - Rec. 57.5'
12	6/27/02	Circ. For DST @ 5600'	0'	WO Testers
13	6/28/02	Testing @ 5600'	0'	Ran DST #1-Valid Test
14	6/29/02	Drilling @ 5682'	82'	
15	6/30/02	Work Stuck Pipe @ 5710'	28'	DC's Differentially Stuck
16	7/1/02	Circ. Above Stuck DC's @ 5710'	0'	Spot Oil, Free Point 5520'
17	7/2/02	Jarring Stuck Pipe @ 5710'	0'	Jarring - DC's Still Stuck
18	7/3/02	Rig Repair (Clutch) @ 5710'	0'	5 DC's in Hole; Plan DST
19	7/4/02	Lay Down DST Tools @ 5710'	0'	Rec. Fish, Pipe Free
20	7/5/02	Drilling @ 5773'	63'	Inspect DC's
21	7/6/02	Logging @ 5860'	87'	TD reached 1300 hrs, 7/5/02
22	7/7/02	Running Casing @ 5860'	0'	Ran Logs
23	7/8/02	WOCT	0'	

BIT RECORD

<u>BIT #</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FTG</u>	<u>HRS</u>	<u>Ft/Hr</u>
1	12 1/4	RTC	PH3458	1668'	1628'	41.5	39.2
2	7 7/8	STC	F1-18	3758'	2090'	45.5	43.9
3	7 7/8	RTC	HP53	5540'	1782'	63.0	28.3
4	7 7/8	STC	BHC409	5600'	60'	5.5	10.9
5	7 7/8	RTC	HP53	5860'	260'	23.5	11.1

FORMATION TOPS

<u>ZONE</u>	<u>SAMPLE TOP</u>	<u>LOG TOP</u>	<u>SEA LEVEL DATUM (LOG)</u>
Paradox		4982'	+322'
Upper Ismay	5527'	5501'	(-197')
Ismay Porosity	5534'	5526'	(-222')
Hovenweep Shale	5658'	5628'	(-324')
Lower Ismay	5694'	5676'	(-372')
Gothic Shale	5739'	5724'	(-420')
Upper Desert Creek	5762'	5745'	(-441')
Lower Desert Creek	5812'	5784'	(-480')
Chimney Rock Shale	5841'	5823'	(-519')
Total Depth	5860'	5854'	(-550')

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
460'	0.75	4031'	1.75
994'	1.00	4499'	1.25
1653'	1.00	5000'	1.00
2091'	0.00	5540'	1.25'
2503'	0.75		
3001'	1.00		
3490'	0.75		

MUD RECORD

<u>DATE</u>	<u>DEPTH</u>	<u>Wt.</u>	<u>Vis</u>	<u>PV-YP</u>	<u>pH</u>	<u>Ca</u>	<u>Cl</u>	<u>WL</u>	<u>Solids %</u>
6/16/02	255'	8.5	29	7-3	9.6	150	500		1.3
6/17/02	1276'	8.6	29	7-3	9.5	120	500		1.3
6/18/02	1668'	8.6	28	7-3	9.3	100	500		1.4
6/19/02	1665'	8.5	27			80	500		
6/20/02	1762'	8.4+	27		8.0	120	600		1.0
6/21/02	3096'	8.5	28	1-0	8.0	80	600		2.0
6/22/02	3790'	8.5	28	1-0	8.0	120	400		2.0
6/23/02	4150'	8.5	28	2-0	8.0	160	900		2.0
6/24/02	5095'	8.6	33	6-2	10.0	20	15000		3.0
6/25/02	5398'	9.8	43	16-4	10.0	35	15000	10.0	9.2
6/26/02	5540'	10.1	48	18-5	9.8	100	21000	10.0	9.9
6/27/02	5600'	10.0	52	21-6	9.7	75	21000	9.8	9.9
6/28/02	5600'	10.0	38	20-6	10.0	55	21000	8.8	9.9
6/30/02	5710'	9.7	40	16-7	9.6	65	21000	8.2	6.9
7/1/02	5710'	9.4	42	16-7	9.3	90	23000	8.6	5.8
7/2/02	5710'	10.0	46	18-6	9.7	75	22000	8.2	10.9
7/3/02	5710'	10.0	48	20-7	9.6	70	22000	8.4	10.9
7/4/02	5710'	9.9	43	17-5	9.6	75	22000	8.4	8.9
7/5/02	5768'	9.6	43	15-6	9.4	80	22000	8.4	7.9
7/6/02	5860'	9.8	54	16-5	9.8	75	23000	8.4	8.8

CORE #1 – Upper Ismay

INTERVAL: 5540 – 5600' Drill Depth, 5536-5596' Loggers Depth
SERVICE COMPANY: Baker Hughes, Casper, Wyoming; Roy Ross
DESTINATION: Core Lab, Houston, Texas; Craig Merritt

COMMENTS: Core #1 was cut in order to further evaluate the Upper Ismay Cycle drilling break representing oil saturated limestones. Rotary drilling had penetrated 6' of zone at 2 minutes/foot decreasing to 1 minute/foot; four feet of good break were drilled prior to coring. Fluorescence, cut, and live oil were observed. Core #1 cut 60' and recovered 57' 6"; core quality was good. A total of 7 lithologic units were observed in the core which matched very closely to variations in core drill rate, which suggests that the missing 2' 6" were from the bottom of the core.

DESCRIPTION:

Unit 1: 5540' 0" – 5545' 2" (5' 2" thick)

Unit consists of fairly massive tan limestone, with no obvious biota except a trace bryozoan. No depositional structures are apparent in the section except rare gray lime laminations near the base of the unit; the laminations are 1/8" to 1/4" thick and are horizontal to slightly inclined. The unit represents a possible oolite shoal stratigraphically above, but off the crest of, the Patterson Canyon algal mound complex. Unit 1 represents the basal portion of the 752 unit gas show starting at 5534' drill depth; numerous live oil droplets were also observed. A heavy scum of gassy oil was observed in the sample washing bucket while cleaning and sieving cuttings from this interval.

Sample Description: Limestone, finely crystalline, slightly dolomitic, massive, no depositional structures, scattered to moderately abundant oolites, generally abundant micro-vugs, many are leached oolites or leached oolite cores, appears to have some, albeit poor, intercrystalline porosity, good oil odor, even yellow fluorescence, bluish white cut with poor to trace fair streamers.

Unit 2: 5545' 2" – 5549' 8" (4' 6" thick)

Generally the same lithology as above, but a marked increase in horizontal gray limestone laminations, approximately 35 laminations within the 4' interval. Oil odor and fluorescence persist, but porosity is greatly reduced from Unit 1 although scattered vugs are present.

Unit 3: 5549' 8" – 5571' 3" (21' 7" thick)

Tan, grayish tan limestone, with scattered to abundant 1/4" to 1" diameter white anhydrite nodules. Limestone is anhydritic and contains several prominent stylolites with 1/4" of black argillaceous material along the stylolite surface. The unit is interpreted as inter-mound fill indicating that the well is located off the crest of the Patterson Canyon algal mound complex. There are no oil or gas shows in the unit.

Unit 4: 5571' 3" – 5578' 3" (7' 0" thick)

The unit is composed of light gray and dark gray limestone, although minor white limestones are also present in small quantities. Unit has considerable contorted bedding, brecciation and minor soft sediment deformation. White limestone bands 1/8 to 1/2" wide are contorted to vertical and S-shapes throughout the unit. White lime breccia clasts are floating in dark gray limestone. This unit is a possible phylloid algal lime wackestone, in an algal mound facies. No oil shows were observed, and only a trace of barren vugs were observed.

Unit 5: 5578' 3" – 5593' 0" (14' 9" thick)

Same lithology as Unit 4, a possible phylloid algal lime wackestone facies, but with scattered to abundant open 1/4" to 3/4" vugs. Vugs are bleeding oil from 5578' 6" to 5584' 5", which correlates to the 88 unit total gas show between 5579' and 5585' drill depth. Below 5584' 5", open vugs are still present but are barren of shows.

Sample Description: Limestone, light to medium gray, hard, dense, microcrystalline to cryptocrystalline, no intercrystalline porosity, scattered open vugs saturated with oil, bleeding oil on the sides of the core. Vugs do not appear to be interconnected as the only fluorescence in the rock is within the isolated vugs.

Unit 6: 5593' 0" – 5595' 6" (2' 6" thick)

Same brecciated and contorted facies as Unit 5, but no vuggy porosity and no oil shows. Brecciation appears to be diminishing near the base of the algal unit.

Unit 7: 5595' 6" – 5597' 6" (2' 0" thick)

Base of core is represented by a medium brown to brownish gray microcrystalline limestone with no sedimentary structures or distinguishing features. The unit is massive and dense and devoid of porosity or oil and gas shows.

DRILL STEM TEST #1 – UPPER ISMAY

INTERVAL: 5527 – 5560' (Driller), 5523 – 5556' (Logger)
TYPE OF TEST: Open Hole Straddle
SERVICE COMPANY: Schlumberger, Hobbs, New Mexico; Bill Grayshaw

INITIAL FLOW: Open 15 minutes; tool opened with 0.5" blow gradually increasing to bottom of bucket in 13 minutes (5.75 oz), and 6.4 oz in 15 minutes.

INITIAL SHUT-IN: Shut in 90 minutes.

FINAL FLOW: Open 90 minutes; tool opened with a 0.25" blow gradually increasing to 5" in 10 minutes, bottom of bucket in 17 minutes, 6 oz in 20 minutes, 9.5 oz in 30 minutes, 13.5 oz in 45 minutes, 18.5 oz in 60 minutes, 25 oz in 75 minutes, and 32 oz in 90 minutes.

FINAL SHUT-IN: Shut in 270 minutes.

RECOVERY: 1083' fluid consisting of 198' mud with traces of oil and gas (0.215 ohms @ 60 F, 22000 ppm Cl), and 885' water cut mud (0.192 ohms @ 60 F, 25000 ppm Cl); and 300' gas vapors above the fluid; sample chamber contained 0.85 cu ft gas, 30 cc oil, and 1800 cc water (0.192 ohms @ 60 F, 25000 ppm Cl). The drilling mud contained 21000 ppm Cl when the Upper Ismay was drilled.

PRESSURES:	INITIAL HYDROSTATIC:	2843 psi
	FINAL HYDROSTATIC:	2863 psi
	INITIAL FLOW:	176-298 psi
	FINAL FLOW:	389-536 psi
	INITIAL SHUT-IN:	1609 psi
	FINAL SHUT-IN:	1659 psi

COMMENTS: It is likely that the fluid recovery is mud filtrate rather than formation water as the general chloride salinity of the Ismay in the area is around 200000 ppm Cl rather than the 25000 ppm Cl recovered. Drilling mud while drilling the Ismay was 9.8 weight and 21000 ppm Cl along with a partially pressure-depleted reservoir support this contention. Good flow pressures and shut in pressures indicate good reservoir properties; preliminary core analysis suggests a high quality reservoir, probably containing oil and gas. Good oil and gas shows were observed in samples from the test interval. Formation temperature was 123 F. This is a valid, if somewhat inconclusive, evaluation of the Upper Ismay reservoir.

GEOLOGIC SUMMARY

The Samedan Oil Corporation Bonito #41-6-85 well was drilled as a development well in Patterson Canyon field with the Upper Ismay reservoir as the primary objective and the Lower Desert Creek as the secondary objective. The geologist/mud logger was on location from 5000' to total depth. A hot wire and chromatograph were operational from 5000' to total depth. The well was drilled with water to 5000' where the hole was mudded up in preparation for the Upper Ismay objective. After coring and testing the Upper Ismay reservoir, the drill collars were differentially stuck in the somewhat underpressured Upper Ismay 'pay' zone. The fish was recovered on the fourth day by running a 'DST' above the stuck collars; the drill collars popped free immediately on opening the test tool to atmospheric pressure thereby relieving the hydrostatic head on the zone.

Several minor gas shows were observed in the lower part of the Paradox Formation. These shows had a maximum total gas show of 212 units and were derived from dark gray dolomitic shales and tan microcrystalline limestone. No porosity was observed associated with the Paradox shows and only a trace limestone show was observed – scattered oil droplets in the sample tray; no stain, fluorescence, or cut. Logs confirm the lack of porosity; most of the gas show was shale gas.

The Upper Ismay limestone reservoir was encountered immediately below the Upper Ismay anhydrite (Rabbit Ears). The limestone broke from 3.5 minutes per foot to 1.0 minute per foot and exhibited a 752 unit total gas show. Six feet of zone, four feet of good break, were drilled. The limestone was light tan, dolomitic, finely crystalline, oolitic, granular texture in part, streaks of abundant vuggy porosity, fair to good porosity, even yellow fluorescence, slow bluish white cut with poor to fair streamers. Abundant oil droplets were observed in the sample tray and the cuttings had a good oil odor. A 60' core was cut from 5540' to 5600' to evaluate the zone. The show zone was an additional 9' thick with 4' of good zone at the top of the core. The core indicates a massive, finely crystalline vuggy oolitic limestone; much of the porosity is from leached oolite and oolite cores although poor to trace fair intercrystalline porosity was present. A heavy scum of gassy oil was present in the sample-washing bucket after washing and sieving the top 4' of core cuttings. There was only a trace of algal material suggesting a different unit/facies than the main algal mound buildup at Patterson Canyon field. Preliminary core analysis for the top 4' of the core recovery indicates 13.3 – 19.8% porosity, 7.39 – 10.18 md permeability, 12.3 – 28.4% oil saturation, and 21.6 – 42.6 water saturation. Drill Stem Test #1 was run from 5527 – 5560' to evaluate the show. Recovery was 1083' fluid consisting of 198' mud with traces of oil and gas (22000 ppm Cl), 885' water cut mud (25000 ppm Cl), and 300' gas vapors above the fluid. The sample chamber contained 0.85 cu ft gas, 30 cc oil, and 1800 cc water (25000 ppm Cl). The blows started slowly but increased throughout both flow periods and were still building at final shut in. Flow pressures were 176 – 298 psi initial flow and 389 – 536 psi final flow. Shut in pressures were 1609 psi initial, and 1659 psi final. Original reservoir pressure at Patterson Canyon field was 2529 psi so some pressure depletion has occurred at the Bonito location. Current reservoir pressure at Patterson Canyon was unavailable. It is likely that the fluid recovery is mud filtrate rather than formation water as the general chloride salinity of the Upper Ismay in the area is around 200000 ppm Cl rather than the 25000 ppm Cl recovered. Drilling mud while drilling the Ismay was 9.8 weight and 21000 ppm Cl, and that, along with a partially pressure reduced reservoir, suggest that the Upper Ismay reservoir was invaded by mud and mud filtrate. Good flow pressure and reasonably good shut in pressures indicate good reservoir properties. Two additional shows were observed below the core but both are considered minor and of no economic importance at the Bonito location.

Logs indicate 17.8% density porosity with 17' (5528 – 5545') greater than 10% porosity (2.71 limestone matrix). Log analysis using a 0.03 ohm Rw calculates 50% water saturation for the upper porosity zone. Two porosity streaks below the 'pay' zone but still in the Upper Ismay (5539 – 5547' and 5613 – 5621') calculate 100% water saturation. For identical porosity, the upper 'pay' zone has markedly higher deep resistivity than the other two zones which had only minor or no shows. As Drill Stem Test #1 indicates, the role of invasion should also be considered.

The Upper Desert Creek and the secondary objective Lower Desert Creek zones were poorly developed at the Bonito location. The Upper Desert Creek exhibited a 348 unit total gas show but had only a trace of intercrystalline porosity and no visible shows. The Lower Desert Creek had only a 225 unit total gas show with a trace of poor pinpoint vuggy porosity but the only sample shows were a few scattered pieces with yellow fluorescence and a very slow bluish white cut; most pieces were tight and barren of shows. Logs confirm the lack of reservoir quality rock.

The Samedan Bonito #41-6-85 well was drilled to a total depth of 5860'; the most significant show was in the Upper Ismay. The zone was cored and tested strongly suggesting productive capacity. Logs of the zone indicate 17' of potential oil pay greater than 10% density porosity in the Upper Ismay. Sample analysis, core study and analysis, DST results, and log analysis suggest productive capacity for the Upper Ismay zone. Production casing has been run to total depth to further evaluate the well.

Respectfully,



Paul B. Slack
Consulting Geologist
4645 S. Kalispell Way
Aurora, Colorado 80015
303.693.2847

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU 79828
2. Name of Operator SAMEDAN OIL CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: JANIS VERCHER E-Mail: jvercher@nobleenergyinc.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067	3b. Phone No. (include area code) Ph: 281.872.2505 Fx: 282.872.2503	8. Well Name and No. BONITO 41-6-85
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T38S R25E NENE 880FNL 940FEL		9. API Well No. 43-037-31824
		10. Field and Pool, or Exploratory PATTERSON CANYON
		11. County or Parish, and State SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

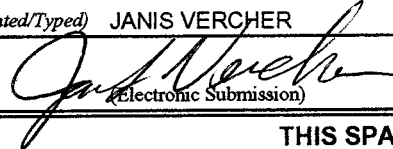
7/1/02 - Working on stuck pipe @ 5658', shut off water flow from Chinle Formation.
7/2/02 - Rig repair, changing out Drum Clutch.
7/3/02 - Waiting on testers to inspect Drill Collars.
7/4/02 - Drilling to 5,785'.
7/5/02 - Drilled to 5,860' TD, logging well.
7/6/02 - Finished logging well, waiting on casing crew, started to run 4-1/2" 10.5 J55 STC casing.
7/7/02 - Finished running a total of 138 joints of 4-1/2" 10.5 J55 STC casing, cemented 1st stage w/220 sks 50/50 Poz standard cement, plug down @ 1:48pm 7/7/02, cemented 2nd stage w/1481 sks 50/50 Poz standard cement, plug down @ 7:38pm 7/7/02.
7/8/02 - Rig released at 6:00am. 7/8/02, waiting on completion.

Please see attached daily drilling reports for more details.

RECEIVED

JUL 12 2002

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #12622 verified by the BLM Well Information System For SAMEDAN OIL CORPORATION, sent to the Moab	
Name (Printed/Typed) JANIS VERCHER	Title REPORT PREPARER
Signature  (Electronic Submission)	Date 07/09/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for EC transaction #12622 that would not fit on the form

32. Additional remarks, continued

cc: The State of Utah (UDOGM)

Samedan Oil Corporation

Created: Tuesday July/02/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Tue 07/02/2002

DOL:20

Daily:\$19,594

Cum:\$437,171

Rpt #20

MD:5,710

TVD:1,025

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

C&C mud - Shut off wtr flow f/Chinle Formation. Chain out of hole to PU fishing tools.
PU fishing tools. TIH w/fishing tools. Circ on TOF. Jarred on fish - Have moved fish
up hole 7-1/2'

Samedan Oil Corporation

Created: Wednesday July/03/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Wed 07/03/2002

DOL:21

Daily:\$15,845

Cum:\$453,016

Rpt #21

MD:5,710

TVD:1,025

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

Working stuck pipe. Freepoint & back off screw in sub @ 5505'. Chain out of hole to surf csg @ 1668'. Rig repairs - Changing out drum clutch - S/B another 2-3 hrs on rig repairs

Samedan Oil Corporation

Created: Monday July/08/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Thu 07/04/2002

DOL:22

Daily:\$16,768

Cum:\$469,784

Rpt #22

MD:5,710

TVD:1,025

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

Rig repair - Replaced clutch. Fnshtd TOO H & LD fshg tools. PU DST fishing tools. TIH w/DST, fishing tools. Screwed into fish, open test tools, slid fish 5' downhole & chained out of hole - Approx 150' drag TOO H. LD test tools & fish - Recovered all of fish - Heavy wall cake on 2nd & 3rd DCs f/btm. W.O. DC inspections

Samedan Oil Corporation

Created: Monday July/08/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Fri 07/05/2002

DOL:23

Daily:\$7,508

Cum:\$477,292

Rpt #23

MD:5,785

TVD:1,025

PBTD:

SUMMARY

Progress: 75 / 8 hrs

Mud Wgt:0

Mud Vis:

W.O. DCs inspectors. TIH inspecting DCs - found 3 cracked DCs & cracked bit sub.

FTIH. W&R t btm f/5586-5710' (124'). Drld

Samedan Oil Corporation

Created: Monday July/08/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Sat 07/06/2002

DOL:24

Daily:\$13,818

Cum:\$491,110

Rpt #24

MD:5,860

TVD:1,025

PBTD:

SUMMARY

Progress: 75 / 6 hrs

Mud Wgt:0

Mud Vis:

Drlg. Circ samples up. Short trip, 15 stds. C&C hole. TOOH for logs. RU Halliburton & logged well - 1st log run: Neutron Density/GR, Caliper/ Induction log - 2nd log run: Sonic/Directional/Four Arm Caliper - WL/TOC 5854' first TIH w/logs - Saw bump @ 2300' & 5400', nothing since

Samedan Oil Corporation

Created: Monday July/08/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 1 - DRILLING

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor: **CYCLONE DRILLING INC.**

Drilling Rig: **CYCLONE RIG #16**

AFE Number: **43473**

AFE Estimate: **\$403,120**

Pros Name **BONITO**

Pros Number **44874**

Proposed MD **5,857**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well

Sun 07/07/2002

DOL:25

Daily:\$27,011

Cum:\$518,121

Rpt #25

MD:5,860

TVD:1,025

PBTD:

SUMMARY

Progress: 0

Mud Wgt:0

Mud Vis:

Fnsht logging well w/Halliburton. TIH. C&C hole - Waiting on csg crew. LD DP & collars. Fnsht cleaning, drifting & strapping csg. Running 4-1/2" 10.50 J55 STC csg

Samedan Oil Corporation

Created: Monday July/08/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Location SAN JUAN UTAH

Well BONITO 41-6-85

Contractor:

ID API 43-037-31824

Drilling Rig:

Event: 2 - COMPLETION

AFE Number: 43474

Operated

AFE Estimate: \$244,280

Legal NENE 6-38S-25E

Pros Name BONITO

SOC WI 1.0000000

Pros Number 44874

SOC RI 0.7700000

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well.

Mon 07/08/2002

DOL:1

Daily:\$81,892

Cum:\$81,892

Rpt #1

MD:5,860

TVD:0

PBTD:

SUMMARY

Progress: 5860

Mud Wgt:0

Mud Vis:

Fnsd running 4-1/2" 10.50 J-55 STC csg as follows: Float shoe, 20' shoe jt, FC, 6 jts csg, marker jt & 132 jts csg - FS set @ 5857', FC set @ 5837', DV tool set @ 4970' - Used 25 centralizers, middle of shoe jt, next 22 ran every other jt & one above & below DV tool. C&C hole - RD csg crew & RU Halliburton cementers. Cmt'd 1st stage w/220 sxs 50/50 Poz Standard w/1% Halad (R)-9, .2% CFR-3, 5#/sx Gilsonite & 1/4#/sx Flocele - 131 bbls cmt slurry @ 13 ppg - Pmpd cmt as follows: 20 bbls mud flush, 131 bbls cmt slurry & displaced w/14 BFW & 796 bbls mud - Bumped plug @ 1250#, floats held OK - Opened DV tool @ 3050 psi - Plug down @ 1:48 PM 6/7/02. C&C for 2nd stage cmt job. RU Halliburton & cmt'd 2nd stage with 1481 sxs 50/590 Poz Standard cmt w/1% Halad (R)-9, .2% CFR-3, 5#/sx Gilsonite & 1/4#/sx Flocele - Pmpd as follows: 20 bbls mud flush, 388 bbls cmt slurry @ 13 ppg & displaced w/79 BFW - Bmpd plug w/1300 psi - DV tool held OK - Plug down @ 7:38 PM 6/7/02 - RDMO Halliburton. ND & split BOP stack & set 4-1/2" csg slips w/65,000# tension. Cleaned pits & RDRTs - RIG RELEASED AT 6 AM 6/8/02

Samedan Oil Corporation

Created: Tuesday July/09/2002

281-876-6147

ONSHORE Development Well

OPERATOR -> SAMEDAN OIL CORPORATION

Well **BONITO 41-6-85**

ID **API 43-037-31824**

Event: 2 - COMPLETION

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43474

AFE Estimate: \$244,280

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well.

Tue 07/09/2002

Rpt #2

SUMMARY

REPORTS SUSPENDED - WAITING ON COMPLETION

DOL:2

MD:5,860

Progress: 0

Daily:\$0

TVD:0

Mud Wgt:0

Cum:\$81,892

PBTD:

Mud Vis:

011

Page
1 of 2

BILL GRAYSHAW

FIELD REPORT

TYPE OF SERVICE
ON BTM STRD DSTDATE
28-JUN-2002DISTRICT
HOBBSPage
2 of 2

INSTRUMENT DATA

INSTRUMENT NO.	SLSR-703	SLSR-704	SLSR-1231	J-1237
CAPACITY (PSIG)	10000	10000	10000	9000
DEPTH	5548	5556	5593	5599
INSIDE-OUTSIDE	OUT	IN	IN	OUT
CLOCK CAP	ELECTRONIC	ELECTRONIC	ELECTRONIC	48 HOURS
TEMPERATURE °F	123	123	123	
I. HYD. PSIG	2843	2840	2860	
I. FLOW PSIG	176-298	174-299	TATTLE TALE	TELLS SAME
I.S.I. PSIG	1609	1614	GAUGE SHOWS	AS OTHER
2nd FLOW PSIG			BOTTOM	TATTLE TALE
2nd S.I. PSIG			PACKER SEAT	GAUGE
F. FLOW PSIG	389-536	398-542	HELD	
F.S.I. PSIG	1659	1662		
F. HYD. PSIG	2863	2864	2886	

MUD DATA

MUD TYPE	GEL-PAC	MUD WT	10.0	#/gal
VISCOSITY	38	WATER LOSS	8.8	CC
RESISTIVITY: OF MUD	@	°F		
RESISTIVITY: OF FILTRATE	0.224 @ 60	°F		
CHLORIDES	21000	PPM		
H2S DURING TEST	0	PPM		

WELL BORE DATA

FORMATION TESTED	UPPER ISMAY
NET PRODUCTIVE INTERVAL	11 ft EST. POROSITY 6 %
ELEVATION	5304 ft DEPTH MEASURED FROM KB
TOTAL MEASURED DEPTH	5600 ft
O H SIZE	7.875 in
CASING SIZE	8.62 @ 1664'
LINER SIZE	
PERF INTERVAL FROM	ft TO ft
SHOT DENSITY	

CUSHION	LENGTH	AMOUNT	SURFACE PRESS	BOTTOM CHOKE SIZE
NONE				0.94

SAMPLER DATA

RECOVERY	RESISTIVITY	CHLORIDES
GAS 0.85 C.F.	RECOVERED WATER 0.192 @ 60 deg F	25000 PPM
OIL 30 C.C.	RECOVERED MUD @ deg F	
WATER 1800 C.C.	REC.MUD FILTRATE @ deg F	PPM
MUD 0 C.C.	PIT MUD @ deg F	
GRAVITY °API °F	PIT MUD FILTRATE @ deg F	PPM
GOR 4500 C.F./BBL	SAMPLER PRESSURE 475 psig	

REMARKS:

We had a successful test. There was 300 feet of faint gas vapors above the fluid recovery. The top of the fluid was 2.5 bbls. of slightly gas cut mud with traces of oil. The bottom was 6 bbls. of water cut mud. The tattle tale gauge shows a good bottom packer seat. It also shows pressure spikes from sliding the tool to bottom after it had opened. We slid the tool several times when it opened and during the test. The final flow and shut-in were clean.

SERVICE ORDER NUMBER:

8992916

SCHLUMBERGER ENGINEER/TECHNICIAN

BILL GRAYSHAW

REPORT NO.
8992916

PAGE NO. 1

TEST DATE:
28-JUN-2002

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: SAMEDAN OIL CORPORATION

WELL: BONITO 41-6-85

TEST IDENTIFICATION

Test Type ON BTM STD DST
Test No. ONE
Formation UPPER ISMAY
Test Interval (ft) 5527 to 5560
Depth Reference KB

WELL LOCATION

Field PATTERSON CANY
County SAN JUAN
State UTAH
Sec/Twn/Rng 6/38e/25e
Elevation (ft) 5304

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 5600
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.62 @ 1664'
Perf'd Interval/Net Pay (ft) .. / 11
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type GEL-PAC
Mud Weight (lb/gal) 10.0
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.224 @ 60F
Filtrate Chlorides (ppm) 21000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 2843.46
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 5861 / 3.64
Collar Length (ft)/I.D. (in) .. 556 / 2.25
Packer Depths (ft) 5520, 5527, 5567,
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 5593/SLSR-1231

NET PIPE RECOVERY

Volume	Fluid Type	Properties
300 ft	GAS VAPORS	
	MUD W/TRACES	
198 ft	OF OIL & GAS	Rw0.215@60F 22000ppm
	WATER CUT	
885 ft	MUD	Rw0.192@60F 25000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.85 cuft	Gas	
30 cc	Oil	
1800 cc	Water	Rw0.192@60F 25000pp
0 cc	Mud	
Pressure: 475		GOR: 4500 GLR: 74

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos.Flow Coef..Lambda..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft) ..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi)..
Porosity (%) 6
Reservoir Temperature (F) 123
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

We had a successful test. There was 300 feet of faint gas vapors above the fluid recovery. The top of the fluid was 2.5 bbls. of slightly gas cut mud with traces of oil. The bottom was 6 bbls. of water cut mud. The tattle tale gauge shows a good bottom packer seat. It also shows pressure spikes from sliding the tool to bottom after it had opened. We slid the tool several times when it opened and during the test. The final flow and shut-in were clean.

WELL TEST INTERPRETATION REPORT #:8992916		PAGE: 2,
CLIENT : SAMEDAN OIL CORPORATION		28-JUN-88
REGION :CSD	SEQUENCE OF EVENTS	FIELD:PATTERSON CANY
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :BONITO 41-6-85
ENGINEER:BILL GRAYSHAW		LOCATION:6/38s/25e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
28-JUN		OPEN TO 1/8" BUBBLE HOSE			
	00:07	HYDROSTATIC MUD	-6	2843	
	00:09	SET PACKERS	-4		
	00:13	START FLOW	0	176	0.50"
	00:14	1 MIN	1		2.00"
	00:16	3 MIN	3		3.75"
	00:18	5 MIN	5		5.00"
	00:23	10 MIN	10		8.50"
	00:26	BOTTOM OF BUCKET = 5.75oz.	13		10.0"
	00:28	END FLOW & START SHUT-IN	15	298	6.4oz
	00:30	OPEN TO 3/4" CHOKE ONLY	17		
	01:56	OPEN TO BUBBLE HOSE ONLY	103		
	01:59	END SHUT-IN	106	1610	
	02:01	START FLOW	108	389	0.25"
	02:02	1 MIN	109		0.50"
	02:04	3 MIN	111		1.75"
	02:05	5 MIN	112		3.00"
	02:11	10 MIN	118		5.00"
	02:16	15 MIN	123		9.00"
	02:18	BOTTOM OF THE BUCKET	125		10.0"
	02:21	20 MIN	128		6 oz.
	02:31	30 MIN	138		9.5oz
	02:41	40 MIN	148		12oz.
	02:51	50 MIN	158		15.5z
	03:01	60 MIN	168		18.5z
	03:11	70 MIN	178		22.5z
	03:21	80 MIN	188		27oz.
	03:31	END FLOW & START SHUT-IN	198	537	32oz.
	03:34	OPEN TO 3/4" CHOKE ONLY	201		
	08:03	END SHUT-IN	470	1659	
	08:10	PULLED PACKERS LOOSE	477		
	08:15	HYDROSTATIC MUD	482	2864	

Continued next page

WELL TEST INTERPRETATION REPORT #:8992916		PAGE: 3,
CLIENT : SAMEDAN OIL CORPORATION		28-JUN-**
REGION :CSD	SEQUENCE OF EVENTS Continued	FIELD:PATTERSON CANY
DISTRICT:HOBBS		ZONE :UPPER ISMAY
BASE :MIDLAND		WELL :BONITO 41-6-85
ENGINEER:BILL GRAYSHAW		LOCATION:6/38s/25e

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
------	------------------	-------------	--------------	---------------	---------------

=====

PULLED TO FLUID
REVERSED OUT

WELL TEST INTERPRETATION REPORT #:8992916		PAGE: 12,
CLIENT : SAMEDAN OIL CORPORATION		28-JUN-85
REGION : CSD	DISTRIBUTION OF REPORTS	FIELD: PATTERSON CANY
DISTRICT: HOBBS		ZONE : UPPER ISMAY
BASE : MIDLAND		WELL : BONITO 41-6-85
ENGINEER: BILL GRAYSHAW		LOCATION: 6/38s/25e

SCHLUMBERGER has sent copies of this report to the following:

SAMEDAN OIL CORPORATION
12600 NORTHBOROUGH
SUITE 250
HOUSTON, TX 77067
Attn: LYNN HITT
(3 copies)

SAMEDAN OIL CORPORATION
12600 NORTHBOROUGH
SUITE 250
HOUSTON, TX 77067
Attn: SCOTT STIENKE
(3 copies)

BLM
82 EAST Dogwood
Moab, Utah 84532
ATTN: ERIC JONES
(2 copies)

UTAH DOGM
1594 W. TEMPLE
SUITE 1210
SALT LAKE CITY, Utah 84114-5801
(2 copies)
ATTN: CARL DANIELS / DAN JARVIS

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SAMEDAN OIL CORPORATION
BONITO 41-6-85
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
	SURFACE FLOWHEAD				0
	DRILL PIPE 16.6#	4.50	3.82	4931.	4931
	DRILL PIPE 20#	4.50	3.64	930.0	5861
	DRILL COLLARS-12	6.25	2.25	374.9	6235.9
	PUMPOUT DISC REVERSING VALVE	6.00	3.00	1.330	6237.23
	DRILL COLLARS-3	6.25	2.25	90.40	6327.63
	BREAKOFF PIN REVERSING VALVE	6.25	3.00	1.480	6329.11
	DRILL COLLARS-3	6.25	2.25	90.43	6419.54
	CROSS OVER SUB	6.18	2.25	1.260	6420.8
	MFE (MFEV-B)	5.00	0.94	10.02	6430.82
	MFE OH BYPASS (MBYP-B)	5.00	1.18	2.980	6433.8
	DC HYDRAULIC JARS (FJAR-B)	4.75	1.88	7.340	6441.14
	SAFETY JOINT (SAJ-BA)	4.75	1.50	2.440	6443.58
	BOB TAIL PACKER	7.25	1.50	6.180	6449.76
	BOB TAIL PACKER	7.25	1.50	7.240	6457
	PERFORATED ANCHOR	4.75	2.25	14.60	6471.6
	OUTSIDE RECORDER CARRIER	4.88	2.50	7.210	6478.81
	INSIDE RECORDER CARRIER	4.88	2.50	7.580	6486.39
	LOWER STRADDLE BYPASS	5.00	0.00	3.610	6490
	BOB TAIL PACKER	7.25	1.50	7.120	6497.12
	BOB TAIL PACKER	7.25	1.50	6.220	6503.34
	BLANK PIPE	4.75	2.25	12.55	6515.89
	INSIDE RECORDER CARRIER	4.88	2.50	7.640	6523.53
	PERFORATED OUTSIDE RECORDER	4.75	2.25	5.820	6529.35
	BULLNOSE	4.75	0.00	0.650	6530

Report Number: 8992916
Test Number: ONE
Test Date: 28-JUN-2002

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992916

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

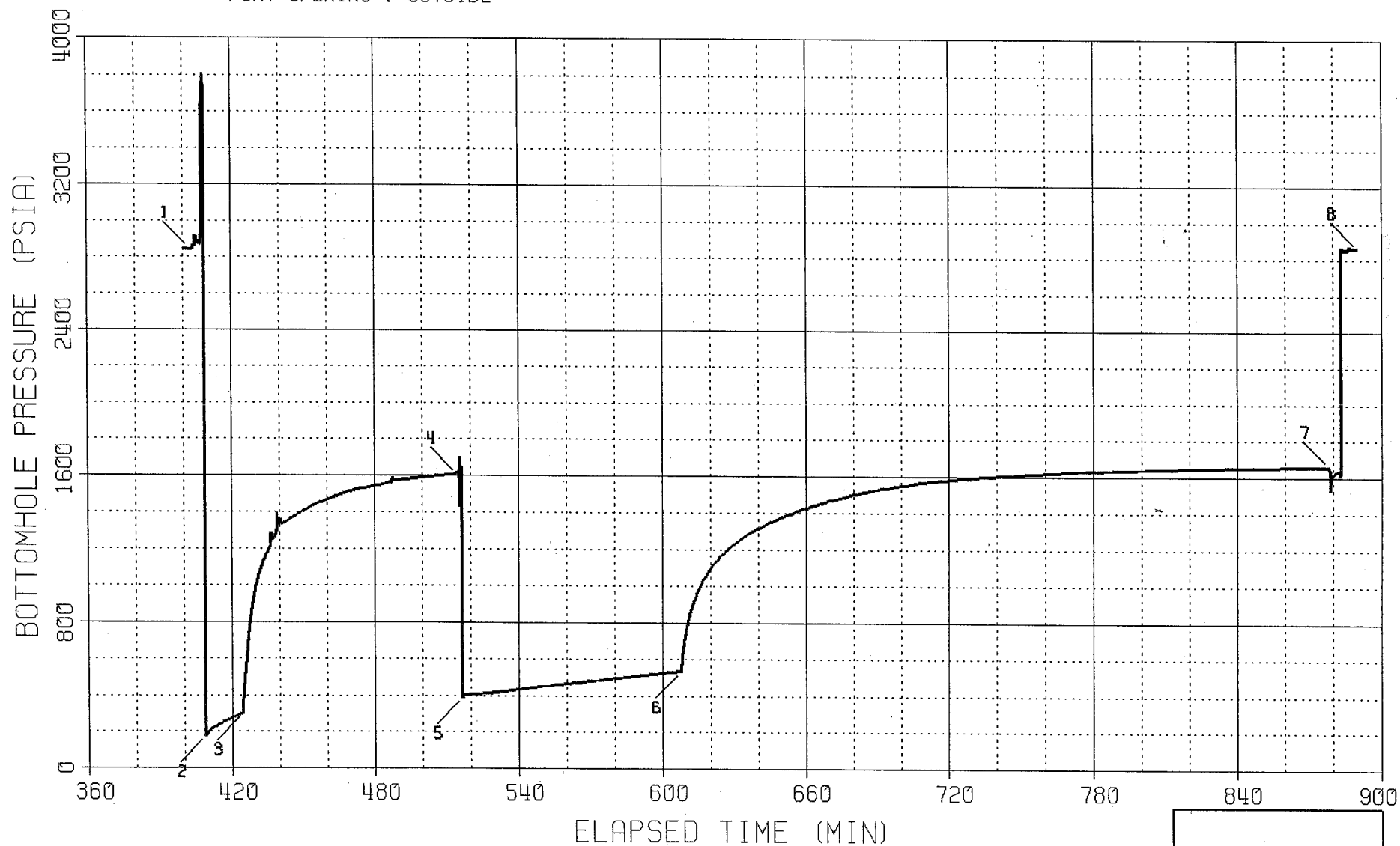
WELL : BONITO 41-6-85

DEPTH : 5548 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : OUTSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 8992916

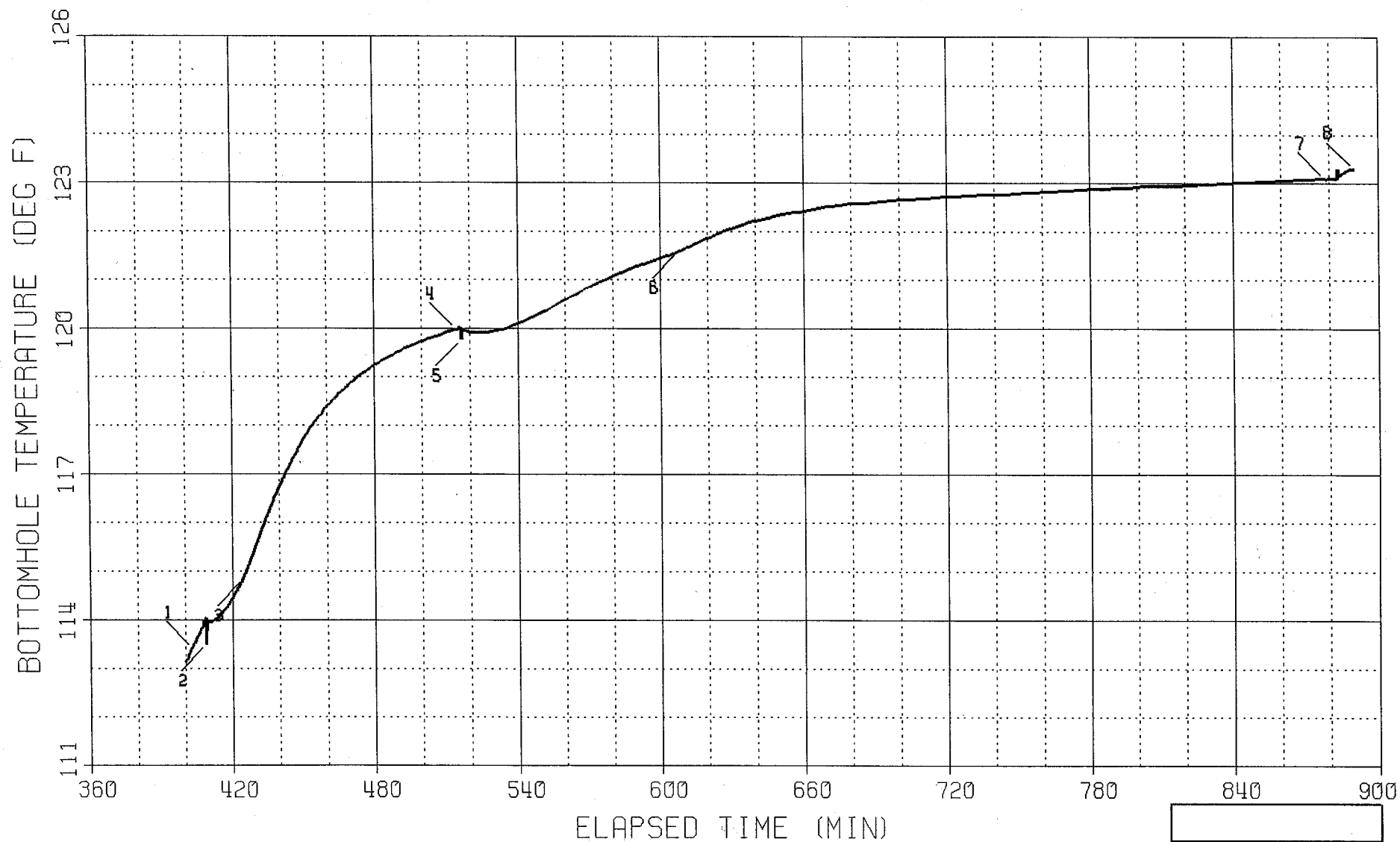
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR703

WELL : BONITO 41-6-85

DEPTH : 5548 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : BONITO 41-6-85

FIELD REPORT NO. 8992916

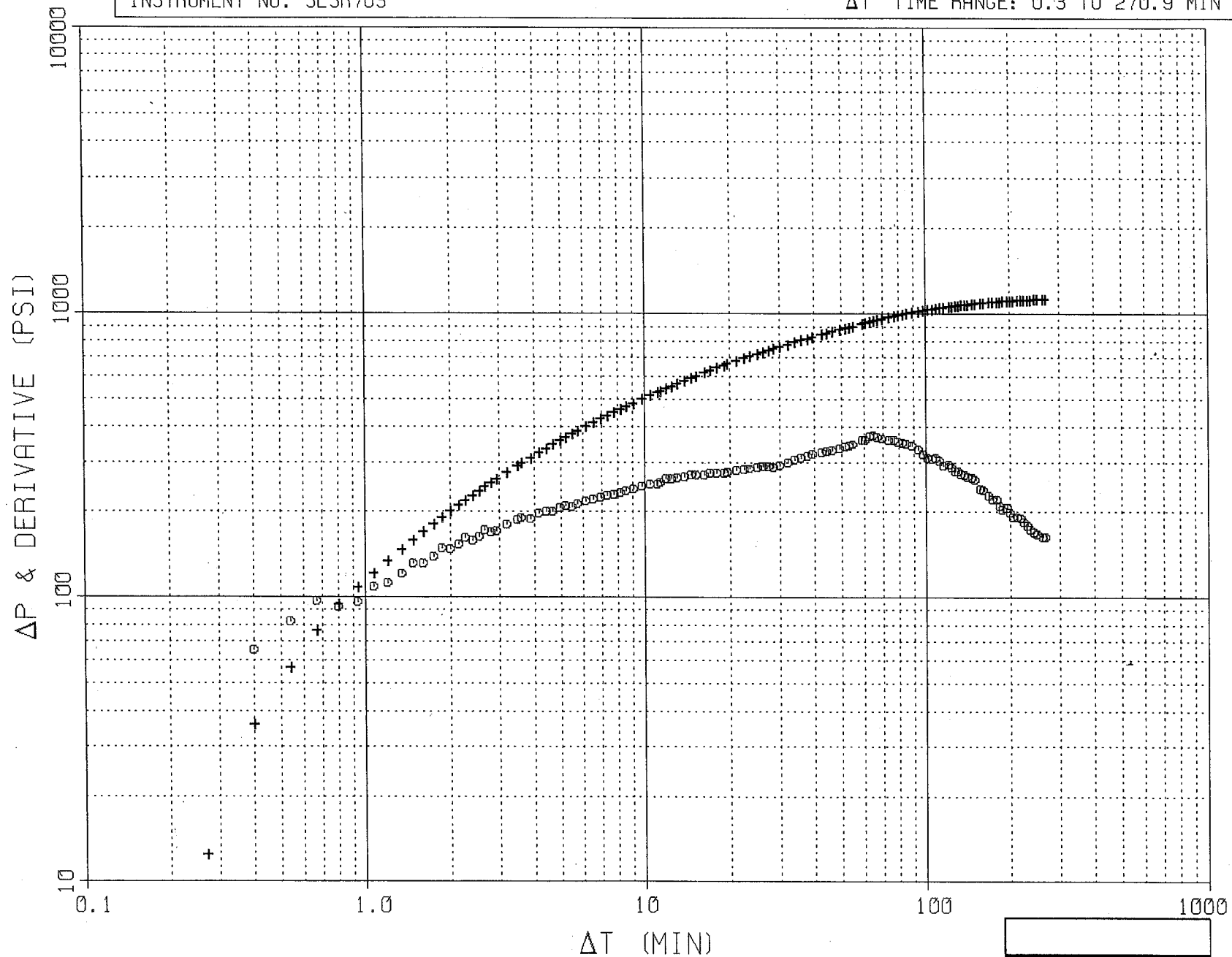
INSTRUMENT NO. SLSR703

SHUTIN #2 : PRODUCING TIME (T_p): 106.1 MIN

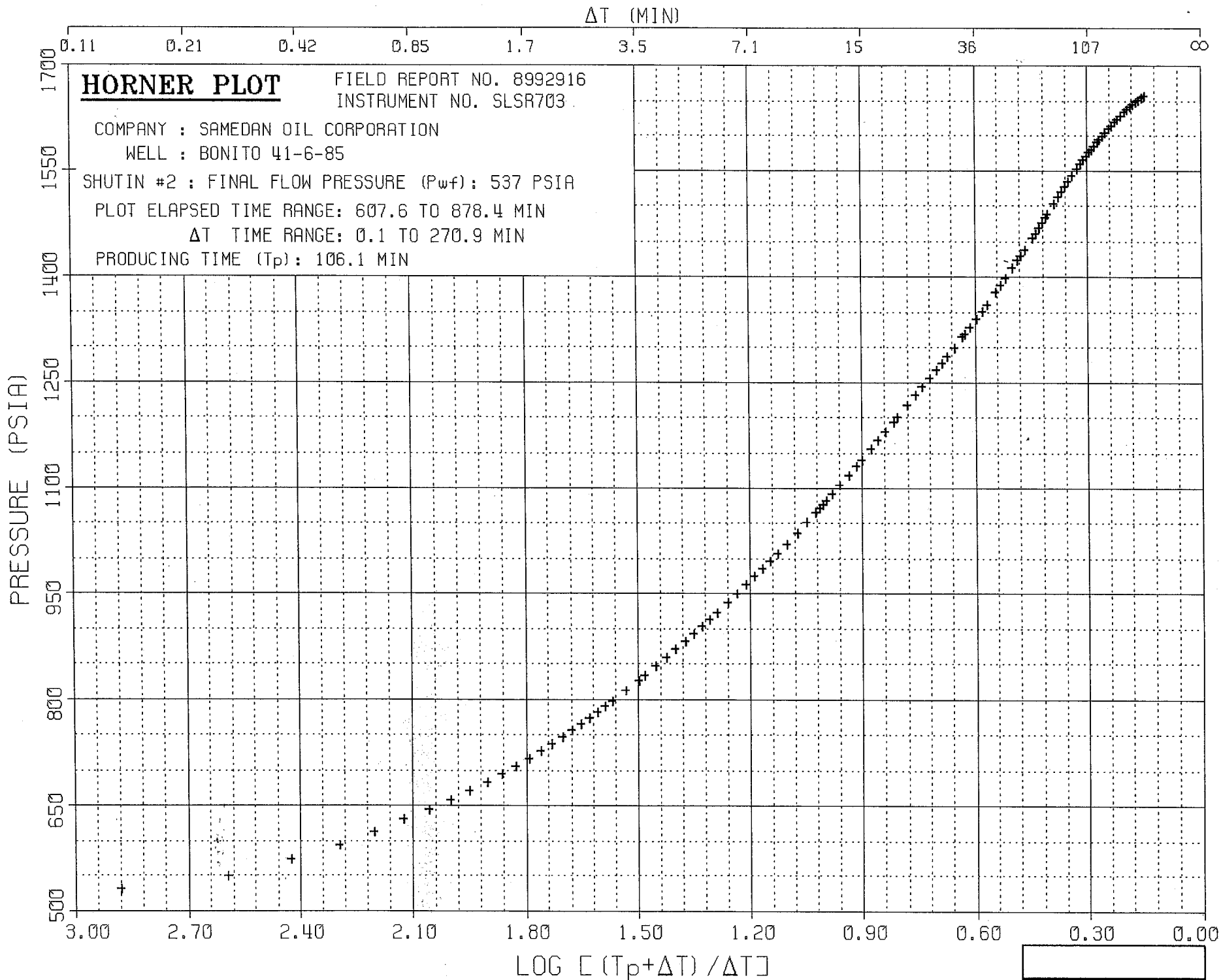
FINAL FLOW PRESSURE (P_{wf}): 537 PSIA

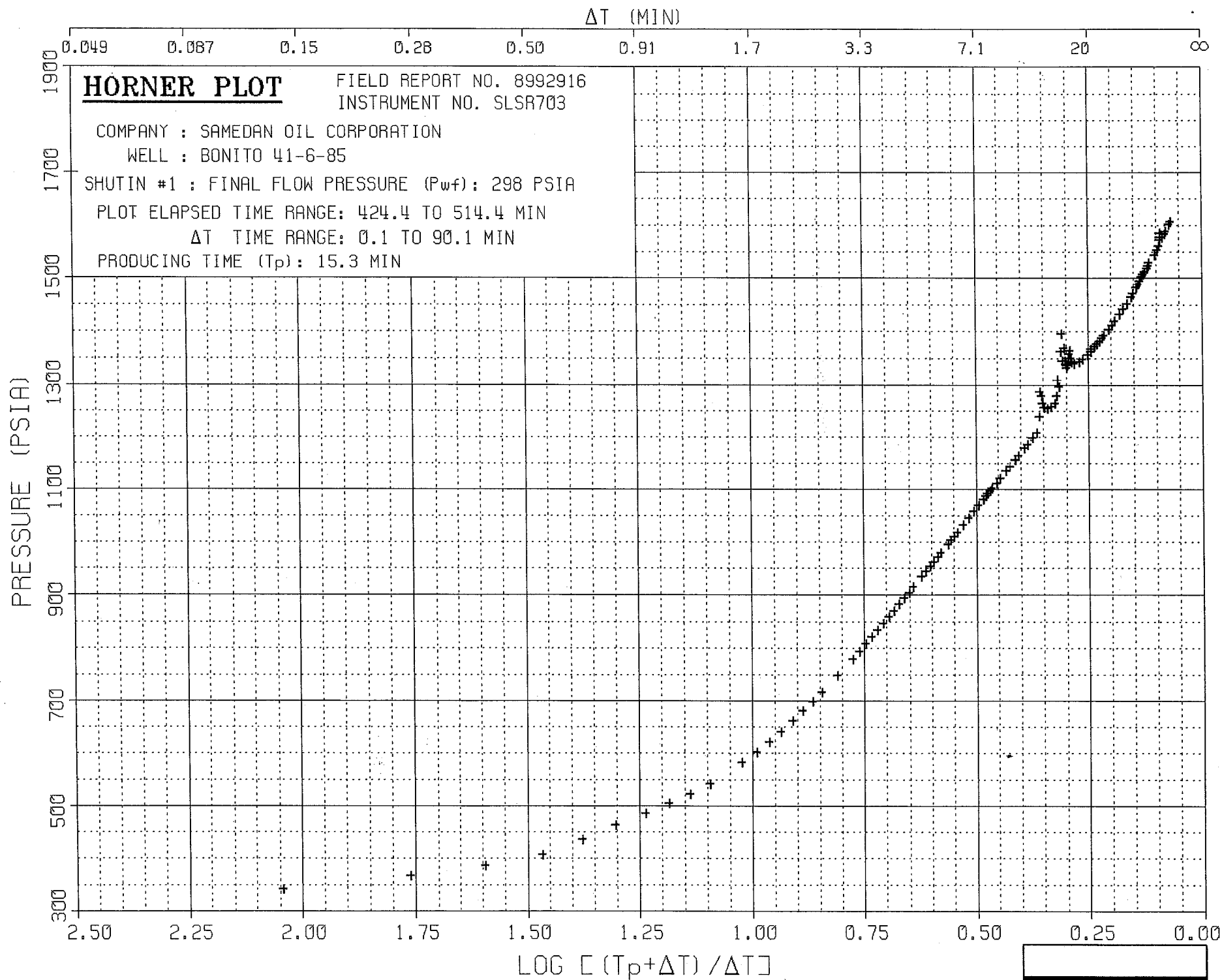
PLOT ELAPSED TIME RANGE: 607.7 TO 878.4 MIN

ΔT TIME RANGE: 0.3 TO 270.9 MIN



Schlumberger





 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: BONITO 41-6-85

FIELD REPORT NO. 899
 INSTRUMENT NO. SLSR703

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 5548 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	0:07:49	28-JUN	HYDROSTATIC MUD	402.82	2843.46	113.41
2	0:13:57	28-JUN	START FLOW	408.95	176.37	113.50
3	0:29:17	28-JUN	END FLOW & START SHUT-IN	424.28	298.48	114.84
4	1:59:25	28-JUN	END SHUT-IN	514.42	1609.84	119.98
5	2:01:41	28-JUN	START FLOW	516.68	389.22	119.77
6	3:32:29	28-JUN	END FLOW & START SHUT-IN	607.48	536.95	121.59
7	8:03:25	28-JUN	END SHUT-IN	878.42	1659.01	123.10
8	8:15:01	28-JUN	HYDROSTATIC MUD	890.02	2863.85	123.31

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	408.95	424.28	15.33	176.37	298.48	176.37
2	516.68	607.48	90.80	389.22	536.95	389.22

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	424.28	514.42	90.14	298.48	1609.84	298.48	15.33
2	607.48	878.42	270.94	536.95	1659.01	536.95	106.13

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
0:13:57	28-JUN	408.95	0.00	113.50	176.37
0:29:09	28-JUN	424.15	15.20	114.82	297.44
0:29:17	28-JUN	424.28	15.33	114.84	298.48

TEST PHASE: SHUTIN PERIOD # 1 FINAL FLOW PRESSURE = 298.48 PSIA
 PRODUCING TIME = 15.33 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MMM						
0:29:17	28-JUN	424.28	0.00	114.84	298.48	0.00	
0:30:21	28-JUN	425.35	1.07	114.94	504.74	206.26	1.1855
0:31:25	28-JUN	426.42	2.14	115.07	660.40	361.92	0.9119
0:32:29	28-JUN	427.48	3.20	115.20	793.51	495.03	0.7627
0:33:33	28-JUN	428.55	4.27	115.32	893.56	595.08	0.6618
0:34:37	28-JUN	429.62	5.34	115.47	970.96	672.48	0.5878
0:35:41	28-JUN	430.68	6.40	115.59	1031.77	733.29	0.5309
0:36:45	28-JUN	431.75	7.47	115.74	1080.96	782.48	0.4846
0:37:49	28-JUN	432.82	8.54	115.88	1121.41	822.93	0.4464
0:38:53	28-JUN	433.88	9.60	116.01	1155.79	857.31	0.4145
0:39:57	28-JUN	434.95	10.67	116.13	1185.41	886.93	0.3868
0:41:57	28-JUN	436.95	12.67	116.38	1253.65	955.17	0.3444
0:43:57	28-JUN	438.95	14.67	116.62	1395.26	1096.78	0.3107
0:45:57	28-JUN	440.95	16.67	116.83	1339.26	1040.78	0.2832
0:48:37	28-JUN	443.62	19.34	117.10	1355.48	1057.00	0.2535
0:51:01	28-JUN	446.02	21.74	117.34	1376.81	1078.33	0.2318
0:53:25	28-JUN	448.42	24.14	117.55	1396.95	1098.47	0.2135
0:55:33	28-JUN	450.55	26.27	117.73	1411.76	1113.28	0.1996
0:58:37	28-JUN	453.62	29.34	117.97	1432.46	1133.98	0.1826
1:00:45	28-JUN	455.75	31.47	118.11	1445.51	1147.03	0.1723
1:06:05	28-JUN	461.08	36.80	118.44	1473.79	1175.31	0.1512
1:11:17	28-JUN	466.28	42.00	118.69	1498.40	1199.92	0.1351
1:16:29	28-JUN	471.48	47.20	118.92	1518.36	1219.88	0.1221
1:25:25	28-JUN	480.42	56.14	119.25	1544.56	1246.08	0.1049
1:32:21	28-JUN	487.35	63.07	119.43	1561.35	1262.87	0.0945
1:38:13	28-JUN	493.22	68.94	119.59	1577.43	1278.95	0.0872
1:44:37	28-JUN	499.62	75.34	119.71	1588.37	1289.89	0.0804
1:52:45	28-JUN	507.75	83.47	119.86	1600.92	1302.44	0.0732
1:59:25	28-JUN	514.42	90.14	119.98	1609.84	1311.36	0.0682

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
2:01:41	28-JUN	516.68	0.00	119.77	389.22
2:17:17	28-JUN	532.28	15.60	119.97	422.58
2:33:17	28-JUN	548.28	31.60	120.29	449.48
2:49:49	28-JUN	564.82	48.14	120.70	474.66

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
3:05:17	28-JUN	580.28	63.60	121.08	498.40
3:20:21	28-JUN	595.35	78.67	121.37	520.38
3:32:29	28-JUN	607.48	90.80	121.59	536.95

TEST PHASE: SHUTIN PERIOD # 2

 FINAL FLOW PRESSURE = 536.95 PSIA
 PRODUCING TIME = 106.13 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
3:32:29	28-JUN	607.48	0.00	121.59	536.95	0.00	
3:33:33	28-JUN	608.55	1.07	121.60	657.98	121.03	2.0008
3:34:37	28-JUN	609.62	2.14	121.62	746.50	209.55	1.7041
3:35:41	28-JUN	610.68	3.20	121.66	812.43	275.48	1.5336
3:36:53	28-JUN	611.88	4.40	121.68	870.72	333.77	1.4000
3:37:57	28-JUN	612.95	5.47	121.71	913.34	376.39	1.3097
3:39:01	28-JUN	614.02	6.54	121.73	949.89	412.94	1.2362
3:40:13	28-JUN	615.22	7.74	121.77	985.70	448.75	1.1677
3:41:33	28-JUN	616.55	9.07	121.78	1020.37	483.42	1.1038
3:42:53	28-JUN	617.88	10.40	121.82	1051.19	514.24	1.0494
3:44:53	28-JUN	619.88	12.40	121.86	1091.93	554.98	0.9804
3:47:09	28-JUN	622.15	14.67	121.91	1131.51	594.56	0.9156
3:49:33	28-JUN	624.55	17.07	121.96	1167.24	630.29	0.8584
3:51:33	28-JUN	626.55	19.07	122.00	1193.24	656.29	0.8173
3:53:33	28-JUN	628.55	21.07	122.04	1216.54	679.59	0.7808
3:56:05	28-JUN	631.08	23.60	122.09	1243.07	706.12	0.7401
3:58:45	28-JUN	633.75	26.27	122.13	1268.07	731.12	0.7024
4:01:01	28-JUN	636.02	28.54	122.16	1287.12	750.17	0.6738
4:04:37	28-JUN	639.62	32.14	122.22	1314.23	777.28	0.6337
4:10:13	28-JUN	645.22	37.74	122.29	1351.38	814.43	0.5812
4:15:25	28-JUN	650.42	42.94	122.36	1381.45	844.50	0.5405
4:21:33	28-JUN	656.55	49.07	122.40	1412.31	875.36	0.5001
4:27:17	28-JUN	662.28	54.80	122.45	1437.66	900.71	0.4679
4:33:01	28-JUN	668.02	60.54	122.50	1460.61	923.66	0.4398
4:39:25	28-JUN	674.42	66.94	122.54	1483.78	946.83	0.4125
4:45:33	28-JUN	680.55	73.07	122.58	1502.95	966.00	0.3896
4:51:33	28-JUN	686.55	79.07	122.59	1519.51	982.56	0.3696
4:57:25	28-JUN	692.42	84.94	122.63	1533.70	996.75	0.3521
5:06:13	28-JUN	701.22	93.74	122.67	1552.06	1015.11	0.3288
5:13:41	28-JUN	708.68	101.20	122.68	1564.94	1027.99	0.3115
5:19:25	28-JUN	714.42	106.94	122.70	1573.58	1036.63	0.2994
5:24:53	28-JUN	719.88	112.40	122.72	1581.05	1044.10	0.2887
5:33:01	28-JUN	728.02	120.54	122.74	1590.80	1053.85	0.2743
5:39:25	28-JUN	734.42	126.94	122.76	1597.69	1060.74	0.2639
5:46:05	28-JUN	741.08	133.60	122.77	1604.10	1067.15	0.2539
5:53:41	28-JUN	748.68	141.20	122.79	1610.64	1073.69	0.2434
6:02:13	28-JUN	757.22	149.74	122.81	1617.13	1080.18	0.2327
6:08:53	28-JUN	763.88	156.40	122.83	1621.52	1084.57	0.2249
6:16:21	28-JUN	771.35	163.87	122.85	1625.91	1088.96	0.2169
6:22:05	28-JUN	777.08	169.60	122.86	1629.11	1092.16	0.2111

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 536.95 PSIA
PRODUCING TIME = 106.13 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
6:32:05	28-JUN	787.08	179.60	122.88	1633.93	1096.98	0.2016
6:38:37	28-JUN	793.62	186.14	122.90	1636.73	1099.78	0.1959
6:54:37	28-JUN	809.62	202.14	122.94	1642.70	1105.75	0.1833
7:11:41	28-JUN	826.68	219.20	122.99	1647.89	1110.94	0.1715
7:27:17	28-JUN	842.28	234.80	123.03	1651.88	1114.93	0.1620
7:43:25	28-JUN	858.42	250.94	123.06	1655.33	1118.38	0.1532
8:00:29	28-JUN	875.48	268.00	123.10	1658.47	1121.52	0.1449
8:03:25	28-JUN	878.42	270.94	123.10	1659.01	1122.06	0.1435

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992916

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR1231

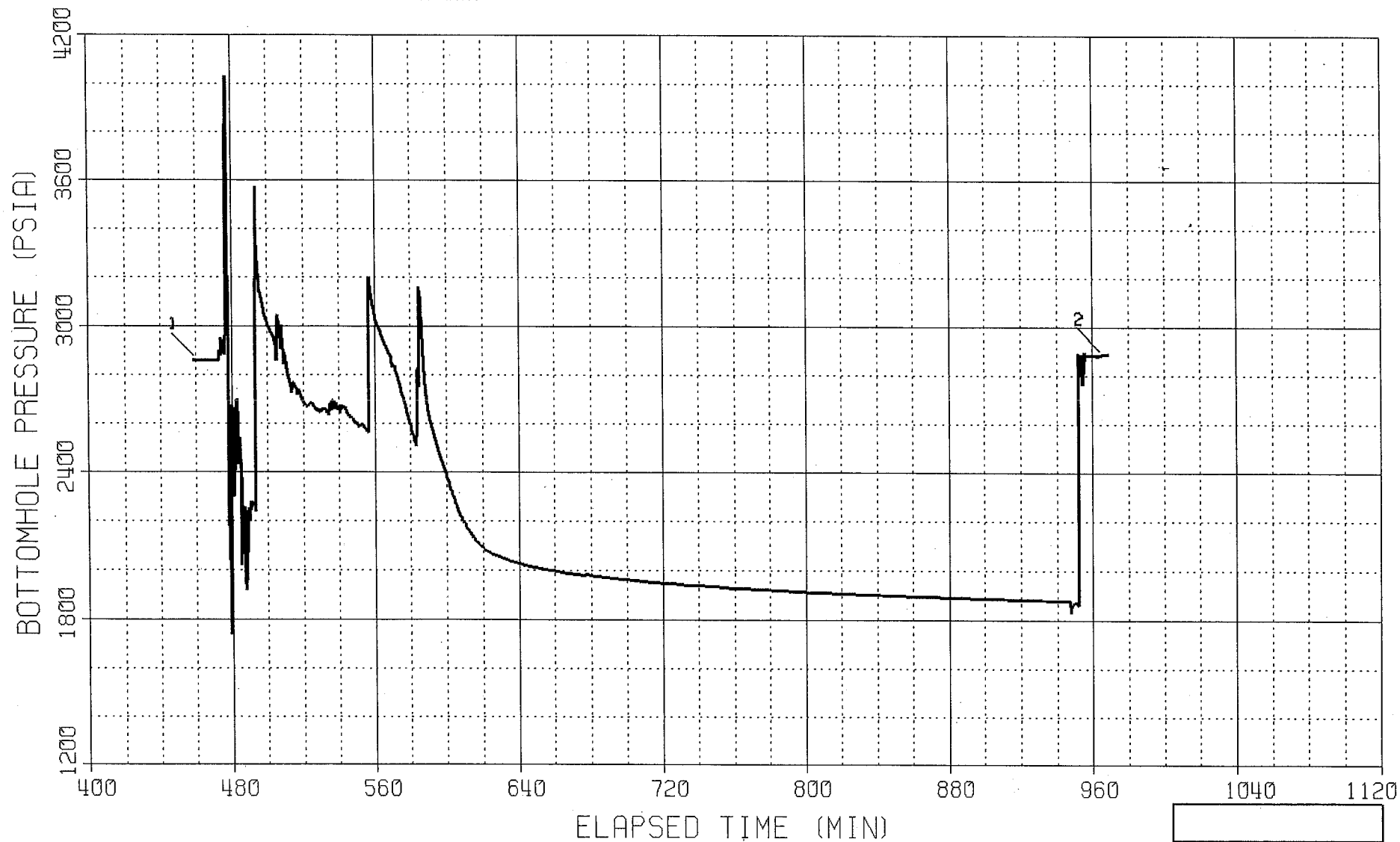
WELL : BONITO 41-6-85

DEPTH : 5593 FT

CAPACITY : 10000 PSI

Electronic Pressure Data below Bottom Straddle Packer

PORT OPENING : INSIDE



Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 8992916

COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

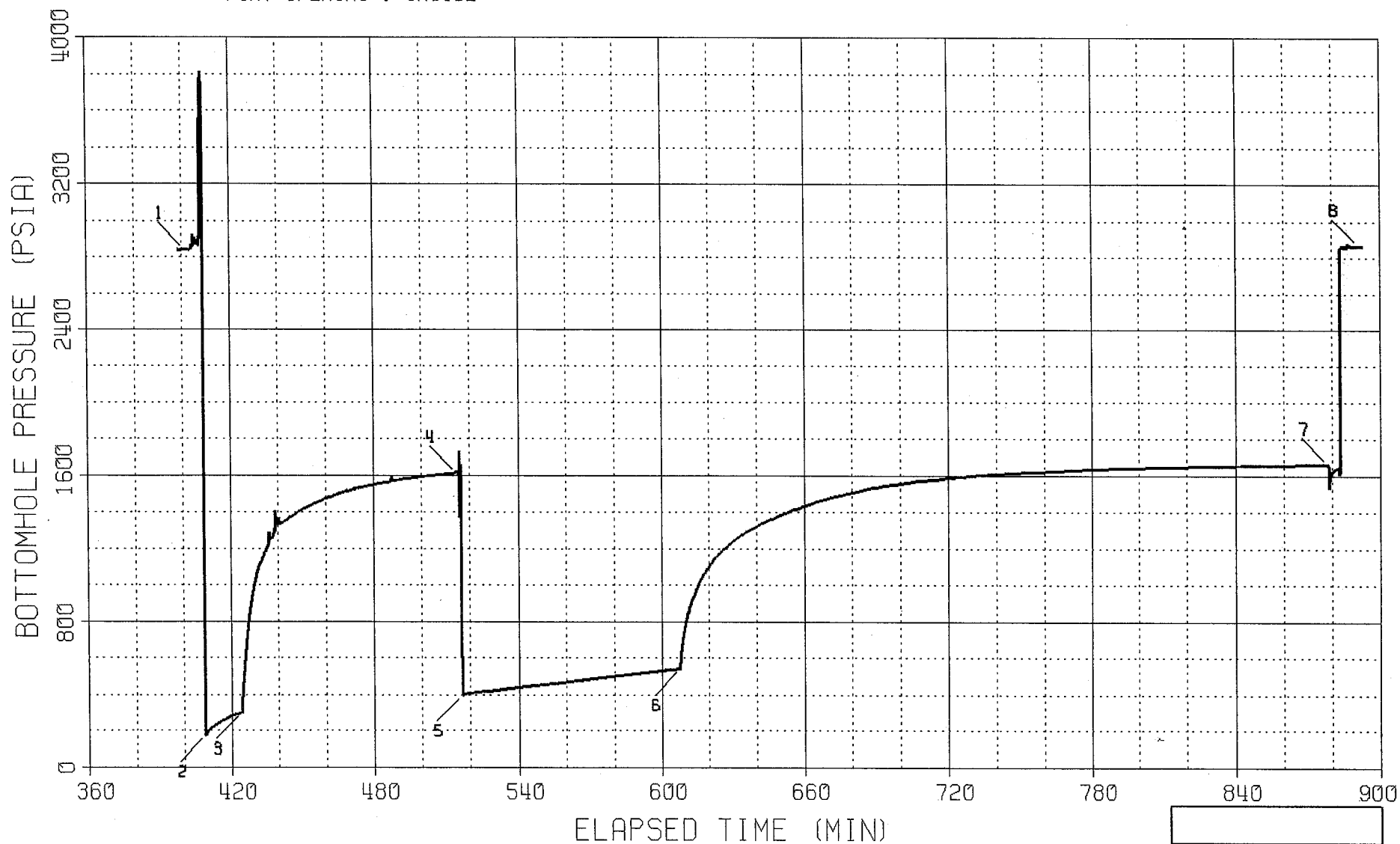
WELL : BONITO 41-6-85

DEPTH : 5556 FT

CAPACITY : 10000 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 8992916

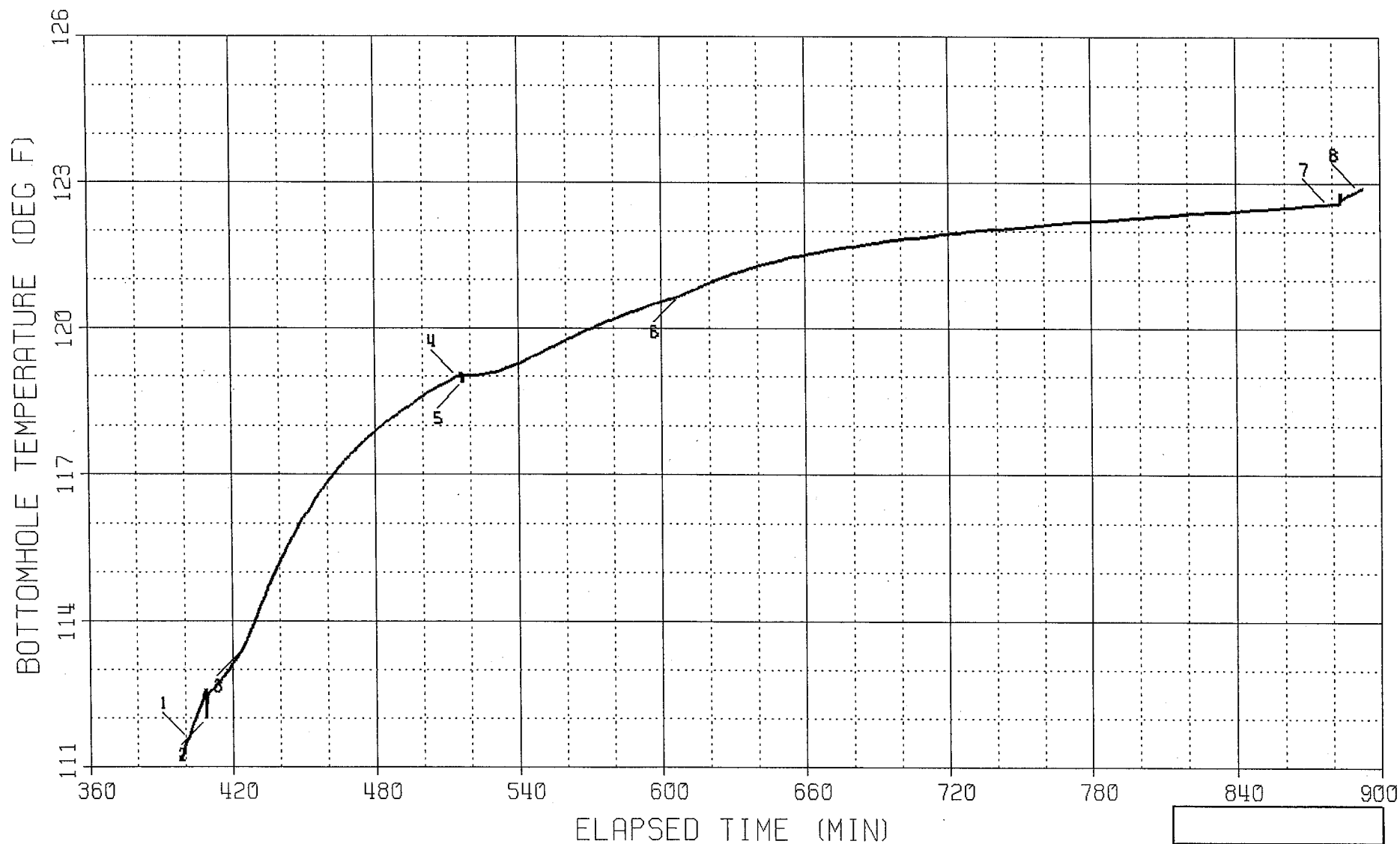
COMPANY : SAMEDAN OIL CORPORATION

INSTRUMENT NO. SLSR704

WELL : BONITO 41-6-85

DEPTH : 5556 FT

Electronic Temperature Data



Schlumberger

LOG LOG PLOT

COMPANY : SAMEDAN OIL CORPORATION

WELL : BONITO 41-6-85

FIELD REPORT NO. 8992916

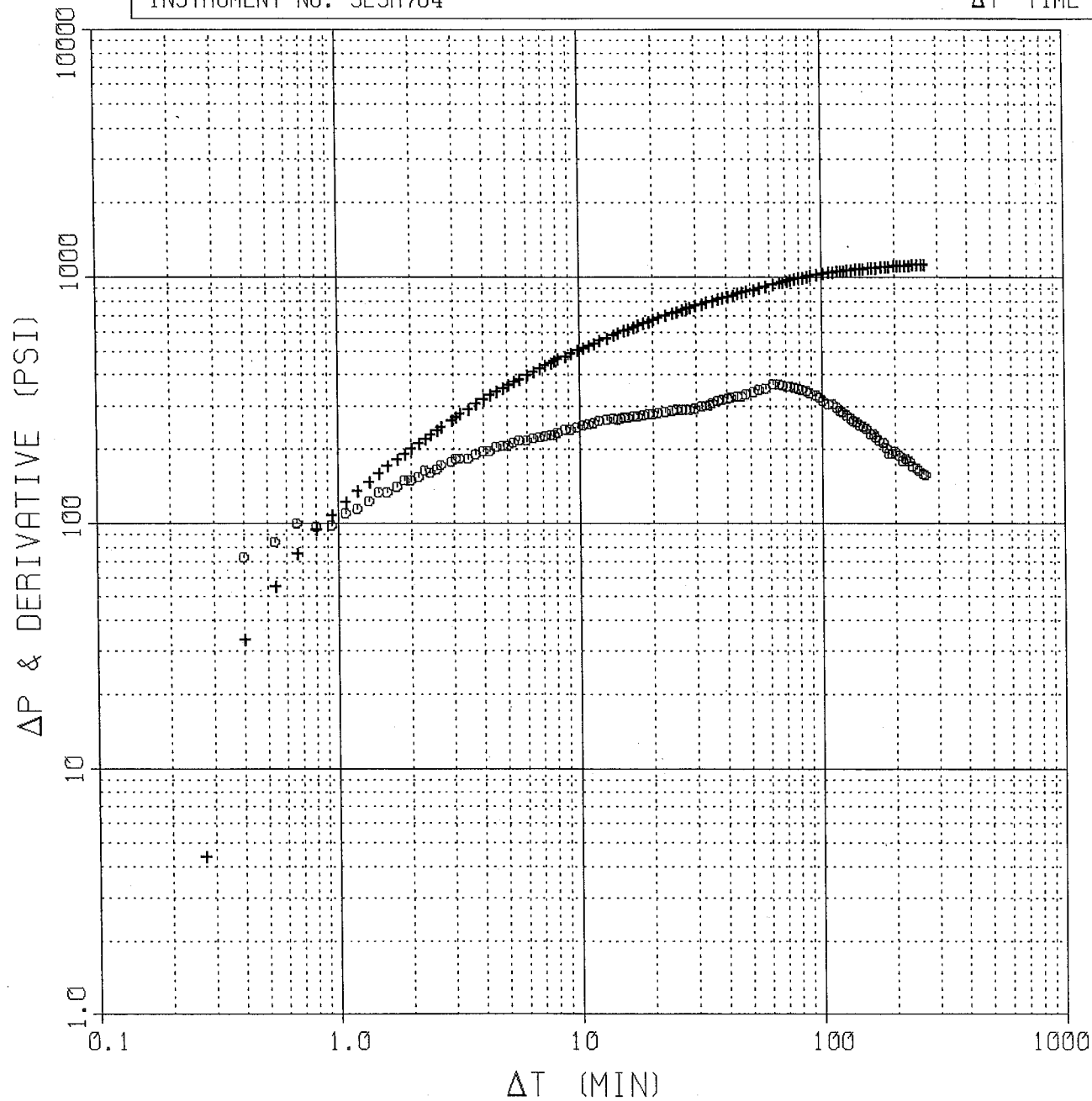
INSTRUMENT NO. SLSR704

SHUTIN #2 : PRODUCING TIME (T_p): 105.9 MIN

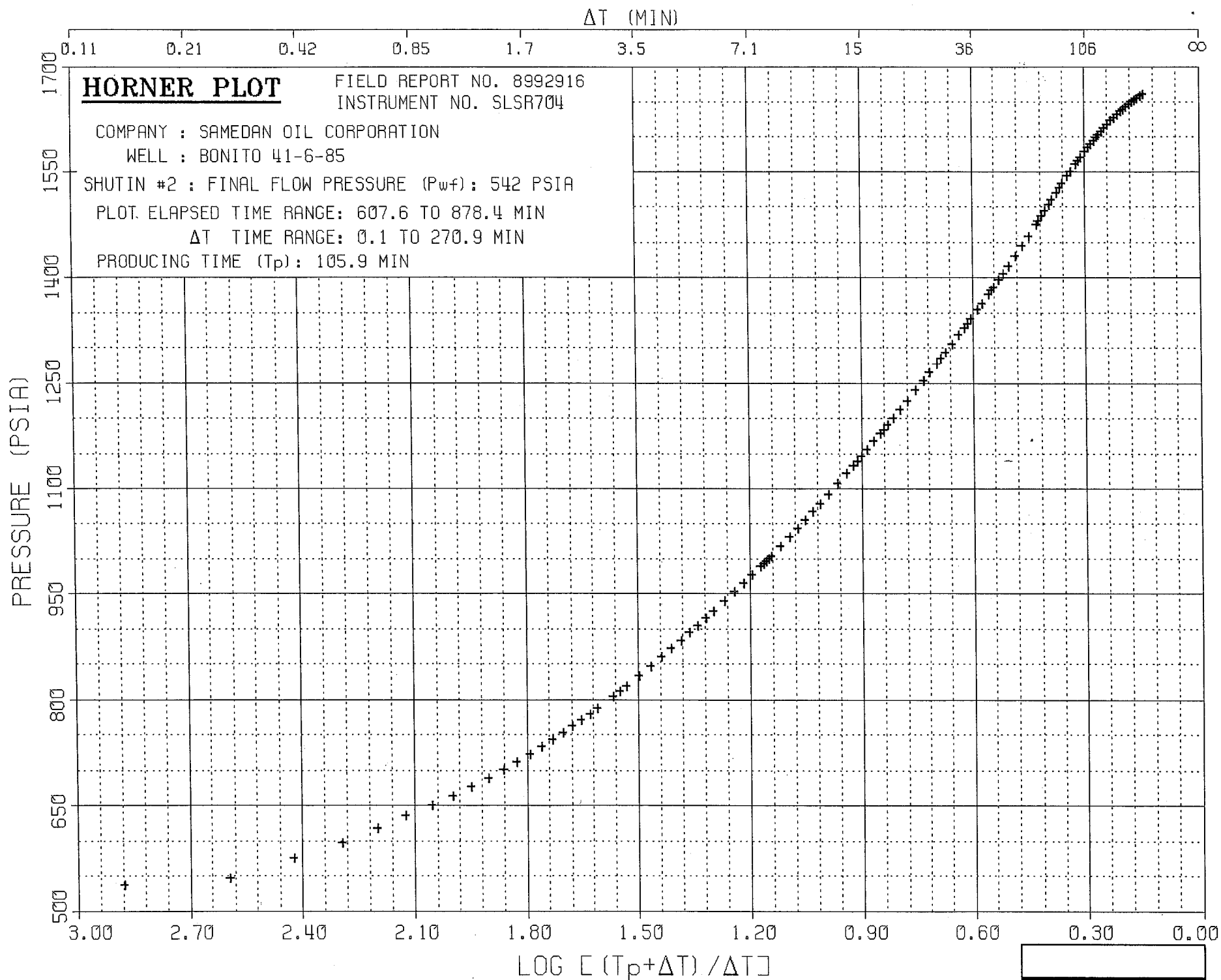
FINAL FLOW PRESSURE (P_{wf}): 542 PSIA

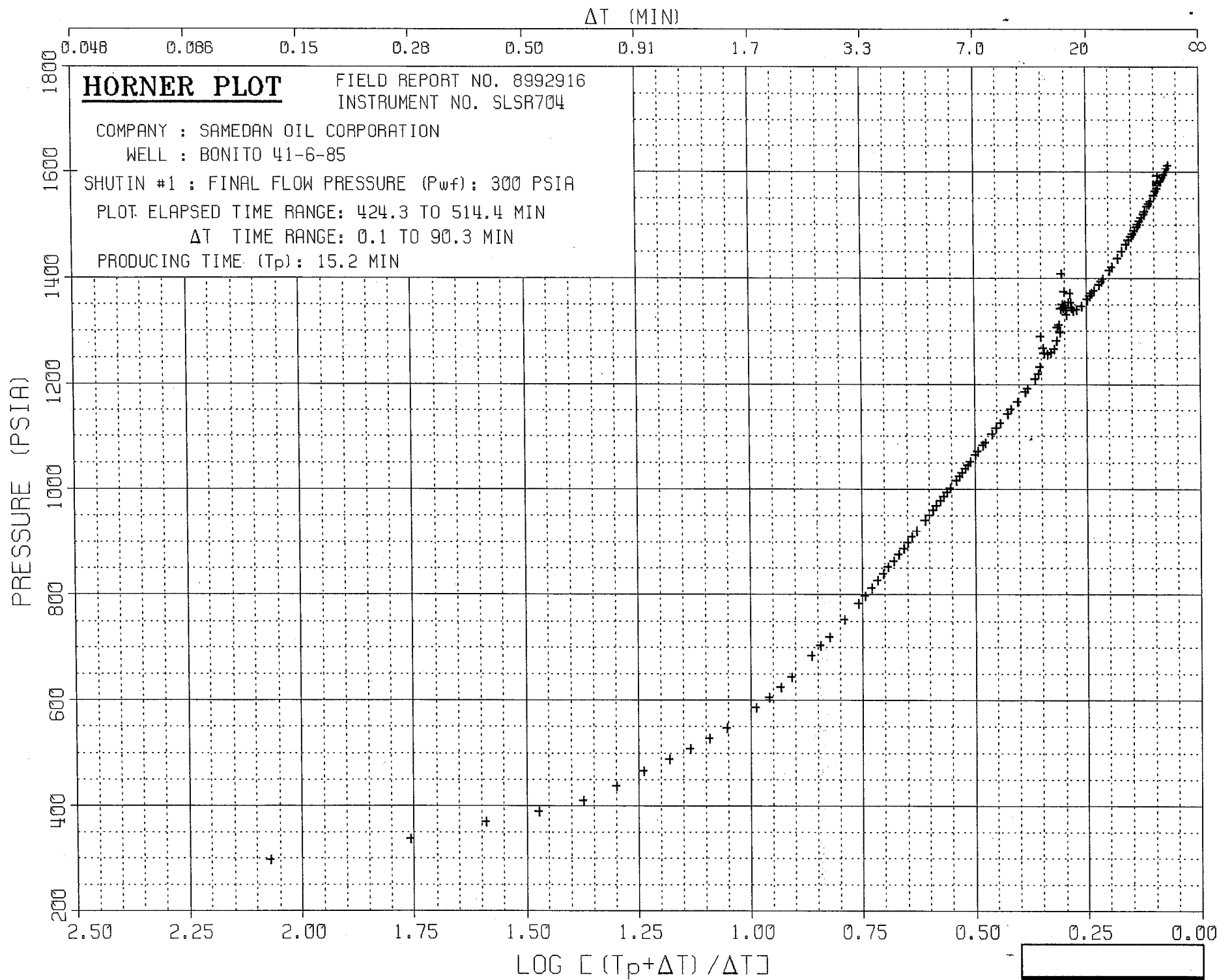
PLOT ELAPSED TIME RANGE: 607.7 TO 878.4 MIN

ΔT TIME RANGE: 0.3 TO 270.9 MIN



Schlumberger





 ** WELL TEST DATA PRINTOUT **

COMPANY: SAMEDAN OIL CORPORATION
 WELL: BONITO 41-6-85

FIELD REPORT NO. 8992916
 INSTRUMENT NO. SLSR704

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 5556 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	0:06:05	28-JUN	HYDROSTATIC MUD	401.08	2840.81	111.56
2	0:13:57	28-JUN	START FLOW	408.95	174.04	111.99
3	0:29:09	28-JUN	END FLOW & START SHUT-IN	424.15	299.83	113.41
4	1:59:25	28-JUN	END SHUT-IN	514.42	1614.54	118.99
5	2:01:49	28-JUN	START FLOW	516.82	398.17	118.90
6	3:32:29	28-JUN	END FLOW & START SHUT-IN	607.48	542.44	120.67
7	8:03:25	28-JUN	END SHUT-IN	878.42	1662.61	122.56
8	8:16:05	28-JUN	HYDROSTATIC MUD	891.08	2864.96	122.86

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	408.95	424.15	15.20	174.04	299.83	174.04
2	516.82	607.48	90.66	398.17	542.44	398.17

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	424.15	514.42	90.27	299.83	1614.54	299.83	15.20
2	607.48	878.42	270.94	542.44	1662.61	542.44	105.86

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
0:13:57	28-JUN	408.95	0.00	111.99	174.04
0:29:01	28-JUN	424.02	15.07	113.41	300.34
0:29:09	28-JUN	424.15	15.20	113.41	299.83

TEST PHASE: SHUTIN PERIOD # 1 FINAL FLOW PRESSURE = 299.83 PSIA
 PRODUCING TIME = 15.20 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
0:29:09	28-JUN	424.15	0.00	113.41	299.83	0.00	
0:30:13	28-JUN	425.22	1.07	113.52	488.71	188.88	1.1820
0:31:17	28-JUN	426.28	2.13	113.65	643.25	343.42	0.9104
0:32:21	28-JUN	427.35	3.20	113.76	783.16	483.33	0.7597
0:33:25	28-JUN	428.42	4.27	113.88	887.68	587.85	0.6589
0:34:29	28-JUN	429.48	5.33	114.01	968.08	668.25	0.5857
0:35:33	28-JUN	430.55	6.40	114.13	1030.96	731.13	0.5283
0:36:37	28-JUN	431.62	7.47	114.26	1081.79	781.96	0.4821
0:37:41	28-JUN	432.68	8.53	114.39	1123.33	823.50	0.4443
0:39:01	28-JUN	434.02	9.87	114.53	1166.40	866.57	0.4048
0:40:37	28-JUN	435.62	11.47	114.73	1208.67	908.84	0.3665
0:42:45	28-JUN	437.75	13.60	114.96	1264.39	964.56	0.3259
0:44:45	28-JUN	439.75	15.60	115.18	1331.42	1031.59	0.2954
0:46:53	28-JUN	441.88	17.73	115.38	1343.32	1043.49	0.2689
0:48:53	28-JUN	443.88	19.73	115.57	1361.11	1061.28	0.2481
0:51:49	28-JUN	446.82	22.67	115.84	1387.85	1088.02	0.2228
0:55:09	28-JUN	450.15	26.00	116.11	1414.24	1114.41	0.1999
0:58:37	28-JUN	453.62	29.47	116.38	1437.90	1138.07	0.1806
1:00:37	28-JUN	455.62	31.47	116.53	1450.26	1150.43	0.1711
1:05:41	28-JUN	460.68	36.53	116.87	1477.32	1177.49	0.1511
1:10:53	28-JUN	465.88	41.73	117.18	1502.37	1202.54	0.1349
1:16:13	28-JUN	471.22	47.07	117.46	1522.04	1222.21	0.1215
1:21:33	28-JUN	476.55	52.40	117.72	1539.35	1239.52	0.1106
1:27:25	28-JUN	482.42	58.27	117.97	1555.06	1255.23	0.1007
1:32:29	28-JUN	487.48	63.33	118.17	1576.80	1276.97	0.0934
1:38:29	28-JUN	493.48	69.33	118.38	1581.26	1281.43	0.0861
1:44:37	28-JUN	499.62	75.47	118.58	1592.73	1292.90	0.0797
1:52:37	28-JUN	507.62	83.47	118.81	1605.36	1305.53	0.0727
1:59:25	28-JUN	514.42	90.27	118.99	1614.54	1314.71	0.0676

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
2:01:49	28-JUN	516.82	0.00	118.90	398.17
2:16:53	28-JUN	531.88	15.06	119.10	427.30
2:31:57	28-JUN	546.95	30.13	119.43	451.60
2:47:09	28-JUN	562.15	45.33	119.80	473.98

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
3:02:13	28-JUN	577.22	60.40	120.13	498.18
3:17:17	28-JUN	592.28	75.46	120.42	520.39
3:32:21	28-JUN	607.35	90.53	120.65	541.28
3:32:29	28-JUN	607.48	90.66	120.67	542.44

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 542.44 PSIA
PRODUCING TIME = 105.86 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
3:32:29	28-JUN	607.48	0.00	120.67	542.44	0.00	
3:33:33	28-JUN	608.55	1.07	120.69	663.51	121.07	1.9997
3:34:37	28-JUN	609.62	2.14	120.70	752.78	210.34	1.7030
3:35:41	28-JUN	610.68	3.20	120.72	819.06	276.62	1.5325
3:36:45	28-JUN	611.75	4.27	120.74	871.69	329.25	1.4115
3:37:49	28-JUN	612.82	5.34	120.78	915.39	372.95	1.3186
3:38:53	28-JUN	613.88	6.40	120.79	952.74	410.30	1.2440
3:40:05	28-JUN	615.08	7.60	120.83	989.17	446.73	1.1740
3:41:09	28-JUN	616.15	8.67	120.85	1017.72	475.28	1.1209
3:42:13	28-JUN	617.22	9.74	120.87	1043.60	501.16	1.0744
3:43:17	28-JUN	618.28	10.80	120.90	1067.31	524.87	1.0335
3:45:17	28-JUN	620.28	12.80	120.94	1107.01	564.57	0.9671
3:47:33	28-JUN	622.55	15.07	120.99	1145.46	603.02	0.9044
3:49:49	28-JUN	624.82	17.34	121.03	1178.37	635.93	0.8516
3:52:29	28-JUN	627.48	20.00	121.08	1211.87	669.43	0.7989
3:55:01	28-JUN	630.02	22.54	121.14	1239.86	697.42	0.7556
3:57:33	28-JUN	632.55	25.07	121.17	1264.66	722.22	0.7179
3:59:49	28-JUN	634.82	27.34	121.21	1284.79	742.35	0.6877
4:02:21	28-JUN	637.35	29.87	121.24	1304.98	762.54	0.6574
4:05:33	28-JUN	640.55	33.07	121.30	1328.46	786.02	0.6234
4:10:53	28-JUN	645.88	38.40	121.37	1363.03	820.59	0.5748
4:16:53	28-JUN	651.88	44.40	121.44	1396.84	854.40	0.5295
4:23:57	28-JUN	658.95	51.47	121.51	1430.76	888.32	0.4853
4:30:29	28-JUN	665.48	58.00	121.57	1458.08	915.64	0.4510
4:36:13	28-JUN	671.22	63.74	121.62	1479.79	937.35	0.4250
4:43:17	28-JUN	678.28	70.80	121.68	1503.21	960.77	0.3971
4:48:53	28-JUN	683.88	76.40	121.73	1519.33	976.89	0.3776
4:54:21	28-JUN	689.35	81.87	121.77	1533.25	990.81	0.3604
5:01:49	28-JUN	696.82	89.34	121.82	1549.94	1007.50	0.3394
5:07:17	28-JUN	702.28	94.80	121.86	1560.66	1018.22	0.3257
5:12:37	28-JUN	707.62	100.14	121.87	1569.90	1027.46	0.3133
5:18:45	28-JUN	713.75	106.27	121.91	1579.07	1036.63	0.3002
5:24:29	28-JUN	719.48	112.00	121.95	1586.92	1044.48	0.2890
5:31:01	28-JUN	726.02	118.54	121.98	1594.96	1052.52	0.2772
5:38:37	28-JUN	733.62	126.14	122.02	1603.08	1060.64	0.2646
5:46:53	28-JUN	741.88	134.40	122.05	1610.71	1068.27	0.2523
5:55:01	28-JUN	750.02	142.54	122.09	1617.33	1074.89	0.2412
6:02:53	28-JUN	757.88	150.40	122.13	1622.91	1080.47	0.2314
6:10:13	28-JUN	765.22	157.74	122.16	1627.45	1085.01	0.2230

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 542.44 PSIA
PRODUCING TIME = 105.86 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
6:18:37	28-JUN	773.62	166.14	122.20	1632.17	1089.73	0.2141
6:26:29	28-JUN	781.48	174.00	122.22	1636.05	1093.61	0.2064
6:34:13	28-JUN	789.22	181.74	122.25	1639.44	1097.00	0.1993
6:49:33	28-JUN	804.55	197.07	122.31	1645.09	1102.65	0.1867
7:07:17	28-JUN	822.28	214.80	122.38	1650.65	1108.21	0.1740
7:24:21	28-JUN	839.35	231.87	122.43	1655.07	1112.63	0.1633
7:39:57	28-JUN	854.95	247.47	122.49	1658.45	1116.01	0.1547
7:55:01	28-JUN	870.02	262.54	122.54	1661.24	1118.80	0.1471
8:03:25	28-JUN	878.42	270.94	122.56	1662.61	1120.17	0.1432

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.*

014

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU 79828
2. Name of Operator SAMEDAN OIL CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: JANIS VERCHER E-Mail: jvercher@nobleenergyinc.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067	3b. Phone No. (include area code) Ph: 281.872.2505 Fx: 282.872.2503	8. Well Name and No. BONITO 41-6-85
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T38S R25E NENE 880FNL 940FEL		9. API Well No. 43-037-31824
		10. Field and Pool, or Exploratory PATTERSON CANYON
		11. County or Parish, and State SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Production Start-up

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

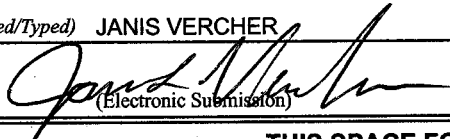
08/19/2002 - First Production - 24Hrs.: 3.34 BO, 87 BW, 40lb. Treater Pressure, 7-SPM

cc: The State of Utah (UDOGM)

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DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #13922 verified by the BLM Well Information System For SAMEDAN OIL CORPORATION, sent to the Moab	
Name (Printed/Typed) JANIS VERCHER	Title REPORT PREPARER
Signature  (Electronic Submission)	Date 08/30/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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L
S**Laboratory Services, Inc.**4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

Prod.

FOR: Samedan Oil Corporation
Attention: Mr. Lynn Hitt
12600 N. Borough, Suite 250
Houston, Texas 770067SAMPLE: DST Sample Chamber
IDENTIFICATION: Bonito #41-6-85
COMPANY: Samedan Oil Corp.
LEASE:
PLANT:SAMPLE DATA: DATE SAMPLED:
ANALYSIS DATE: 7/9/02
PRESSURE - PSIG
SAMPLE TEMP. °F
ATMOS. TEMP. °FGAS (XX) LIQUID ()
SAMPLED BY: Grayshaw-Schlumberger
ANALYSIS BY: Vickie Biggs

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H ₂ S)		
Nitrogen (N ₂)	2.644	
Carbon Dioxide (CO ₂)	0.359	
Methane (C ₁)	75.958	
Ethane (C ₂)	12.692	3.386
Propane (C ₃)	5.331	1.465
I-Butane (IC ₄)	0.549	0.179
N-Butane (NC ₄)	1.356	0.427
I-Pentane (IC ₅)	0.252	0.092
N-Pentane (NC ₅)	0.309	0.112
Hexane Plus (C ₆ +) <hr/>	0.550 <hr/>	0.239 <hr/>
	100.000	5.900

BTU/CU.FT. - DRY 1237
AT 14.650 DRY 1233
AT 14.650 WET 1211
AT 14.73 DRY 1240
AT 14.73 WET 1218

MOLECULAR WT. 21.2703

SPECIFIC GRAVITY -
CALCULATED 0.733
MEASURED**RECEIVED**

SEP 03 2002

DIVISION OF
OIL, GAS AND MINING

016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 7

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: BONITO 41-6-85API number: 4303731824Well Location: QQ NENE Section 6 Township 38S Range 25E County SAN JUANWell operator: SAMEDAN OIL CORPORATIONAddress: 12600 NORTHBOROUGH, SUITE 250city HOUSTON state TX zip 77067Phone: (281) 876-6150Drilling contractor: CYCLONE DRILLING INC.Address: P.O. BOX 908city GILLETTE state WY zip 82717Phone: (307) 682-4161

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
1,582	1,668	<i>Chinle</i>	FRESH

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SEP 8 3 2002

DIVISION OF
OIL, GAS AND MININGFormation tops:
(Top to Bottom)

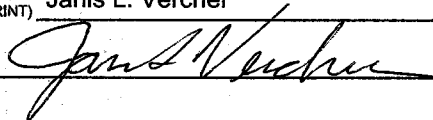
- | | | | | | |
|----|---------------------------|----|---------------------------|----|---------------------------|
| 1 | <u>Paradox</u> | 2 | <u>Upper Ismay</u> | 3 | <u>Ismay Porosity</u> |
| 4 | <u>Hovenweep Shale</u> | 5 | <u>Lower Ismay</u> | 6 | <u>Gothic Shale</u> |
| 7 | <u>Upper Desert Creek</u> | 8 | <u>Lower Desert Creek</u> | 9 | <u>Chimney Rock Shale</u> |
| 10 | <u></u> | 11 | <u></u> | 12 | <u></u> |

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Janis L. VercherTITLE Regulatory Clerk I

SIGNATURE



DATE

8/30/2002

015

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU 79828

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv. Other _____						6. If Indian, Allottee or Tribe Name	
						7. Unit or CA Agreement Name and No.	
2. Name of Operator SAMEDAN OIL CORPORATION						8. Lease Name and Well No. BONITO 41-6-85	
3. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067						9. API Well No. 43-037-31824	
Contact: JANIS VERCHER E-Mail: jvercher@nobleenergyinc.com							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 880FNL 940FEL At top prod interval reported below NENE 880FNL 940FEL At total depth NENE 880FNL 940FEL						10. Field and Pool, or Exploratory PATTERSON CANYON	
						11. Sec., T., R., M., or Block and Survey or Area Sec 6 T38S R25E Mer SLB	
						12. County or Parish SAN JUAN	13. State UT
14. Date Spudded 06/15/2002		15. Date T.D. Reached 07/05/2002		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/03/2002		17. Elevations (DF, KB, RT, GL)* 5304 KB	
18. Total Depth: MD TVD 5860		19. Plug Back T.D.: MD TVD 5820		20. Depth Bridge Plug Set: MD TVD			

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NEUT. DENSITY, CALIPER IND., SONIC/DIR. CBL/VL/GR- <i>ML-7-10-02</i> <i>SD/PSX-7-12-02, MSTC-9-3-02, HRI-7-12-02, DI-9-3-02</i>	22. Was well cored? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)
---	--

23. Casing and Liner Record (Report all strings set in well)

[illegible]

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5639	5513						

25. Producing Intervals



26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ISMAY	5527	5576	5527 TO 5545	2.750	108	ALL SHOTS FIRED
B)			5572 TO 5576	3.375	24	ALL SHOTS FIRED
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5527 TO 5545	3,000 GAL 28% HCL ACID W/ 10 GPT ACIGEL, 6 GPT FERROTROL-300L, 3 GPT CL-25 & 2 GPT NE-90
5572 TO 5576	1,000 GAL. 28% HCL MSR W/ 10 GPT FERROTROL-300L, 3 GPT CL-25 & 2 GPT NEL940

28. Production - Interval A

Date First Produced 08/19/2002	Test Date 08/29/2002	Hours Tested 24	Test Production 	Oil BBL 17.0	Gas MCF 120.0	Water BBL 115.0	Oil Gravity Corr. API 44.0	Gas Gravity 0.88	Production Method GAS PUMPING UNIT
Choke Size 3/4	Tbg. Press. Flwg. SI 0	Csg. Press. 30.0	24 Hr. Rate 	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status POW	RECEIVED

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production ▶	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	SEP 03
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ▶	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	DIVISION OIL GAS AND	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #13901 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

IC SUBMISSION #15901 VERIFIED BY THE BLM WELD INFORMATION SYSTEM

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SEP 03 2002
DIVISION OF
OIL, GAS AND MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
VENTED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
ISMAY	5527	5658	CORE INTERVAL - 5540-5600	PARADOX	0
N/A	0	0	INITIAL HYDRO - 2843PSI, TIMES:	UPPER ISMAY	5527
N/A	0	0	IF-15, ISI-90, FF-90, FSI-270, PSI:	ISMAY POROSITY	5534
N/A	0	0	IF-176-298, ISI-1609, FF-389-536,	HOVENWEEP SHALE	5658
N/A	0	0	FSI-1659, FINAL HYDRO 2863PSI	LOWER ISMAY	5694
N/A	0	0	BHT 123DEG, RCVRY-300' GAS,	GOTHIC SHALE	5739
N/A	0	0	198' MUD W/TRC O&G, 885' MUD	UPPER DESERT CREEK	5762
N/A	0	0	SMPL-.85 C/FT GAS, 475PSI	LOWER DESERT CREEK	5812
				CHIMNEY ROCK SHALE	5841
				TOTAL DEPTH	5860

32. Additional remarks (include plugging procedure):

Please see attached copies of daily reports on the completion for more information.

Copies of all logs and all data analyses will follow via the U.S. Mail under separate cover.

cc: The State of Utah (UDOGM)

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #13901 Verified by the BLM Well Information System.
For SAMEDAN OIL CORPORATION, sent to the Moab

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Name (please print) JANIS VERCHER

Title REPORT PREPARER

SEP 03 2002

Signature (Electronic Submission)

Date 08/30/2002

**DIVISION OF
OIL, GAS AND MINING**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Samedan Oil Corporation**Friday August/30/2002**

281-876-6147

ONSHORE**OPERATOR -> SAMEDAN OIL CORPORATION**Well **BONITO 41-6-85**ID **API 43-037-31824**

Event: 2 - COMPLETION

Operated

Legal **NENE 6-38S-25E**

SOC WI 1.0000000

SOC RI 0.7700000

Location **SAN JUAN UTAH**

Contractor:

Drilling Rig:

AFE Number: 43474

AFE Estimate: \$244,280

Pros Name **BONITO**

Pros Number 44874

Proposed MD 5,857

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OIL, GAS AND MINING**

Purpose of Expenditure: Drill and Complete a Flowing Ismay O&G Well.

07/08/2002 Mon

DOL: 1

Daily: \$81,892.00

Cum: \$81,892.00

Rpt # 1

MD: 5,860

TVD: 0

Mud Wgt: 0

SUMMARY

Mud Vis:

Fnsd running 4-1/2" 10.50 J-55 STC csg as follows: Float shoe, 20' shoe jt, FC, 6 jts csg, marker jt & 132 jts csg - FS set @ 5857', FC set @ 5837', DV tool set @ 4970' - Used 25 centralizers, middle of shoe jt, next 22 ran every other jt & one above & below DV tool. C&C hole - RD csg crew & RU Halliburton cementers. Cmt'd 1st stage w/220 sxs 50/50 Poz Standard w/1% Halad (R)-9, .2% CFR-3, 5#/sx Gilsonite & 1/4#/sx Flocele - 131 bbls cmt slurry @ 13 ppg - Pmpd cmt as follows: 20 bbls mud flush, 131 bbls cmt slurry & displaced w/14 BFW & 796 bbls mud - Bumped plug @ 1250#, floats held OK - Opened DV tool @ 3050 psi - Plug down @ 1:48 PM 6/7/02. C&C for 2nd stage cmt job. RU Halliburton & cmt'd 2nd stage with 1481 sxs 50/590 Poz Standard cmt w/1% Halad (R)-9, .2% CFR-3, 5#/sx Gilsonite & 1/4#/sx Flocele - Pmpd as follows: 20 bbls mud flush, 388 bbls cmt slurry @ 13 ppg & displaced w/79 BFW - Bmpd plug w/1300 psi - DV tool held OK - Plut down @ 7:38 PM 6/7/02 - RDMO Halliburton. ND & split BOP stack & set 4-1/2" csg slips w/65,000# tension. Cleaned pits & RDRTs - RIG RELEASED AT 6 AM 6/8/02

07/09/2002 Tue

DOL: 2

Daily: \$0.00

Cum: \$81,892.00

Rpt # 2

MD: 5,860

TVD: 0

Mud Wgt: 0

SUMMARY

Mud Vis:

REPORTS SUSPENDED - WAITING ON COMPLETION

07/16/2002 Tue

DOL: 3

Daily: \$3,209.00

Cum: \$85,101.00

Rpt # 3

MD: 5,860

TVD: 0

Mud Wgt: 0

SUMMARY

Mud Vis:

Set deadmen - MIRU A-Plus completion unit - NU BOPE - Spotted in pump & tank - Tbg to be on location @ 8 AM this morning.

07/17/2002 Wed

DOL: 4

Daily: \$21,405.00

Cum: \$106,506.00

Rpt # 4

MD: 5,860

TVD: 0

Mud Wgt: 0

SUMMARY

Mud Vis:

Tstd csg & blind rams to 1000 psi - Held OK - PU & SIH w/3-7/8" mill tooth bit, X-O, 10' x 2-3/8" tbg sub, X-O, 4-1/2" csg scraper, X-O & 2-3/8" 4.7# J-55 tbg - Tagged cmt @ 4962' - PU swivel & drld 20' cmt to DV tool @ 4982' - Drld out DV tool in 1/2 hr & washed the next 2 jts down - LD swivel & FTIH w/bit & scraper - Tagged PBTD @ 5820' - Tstd csg & DV tool to 1000 psi - Held OK - Rolled hole w/90 bbls clean Ismay formation wtr - TOOH w/tbg, scraper, bit - LD X-O subs, csg scraper, bit - SWIFN.. Will run CBC this

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SEP 03 2002

A.M.

07/18/2002 Thu	DOL: 5	Daily: \$13,441.00	Cum: \$119,947.00
Rpt # 5	MD: 5,860	TVD: 0	Mud Wgt: 0
Mud Vis:			

SUMMARY
MIRU Schl WL. Ran CBL/VDL/GR f/WL PBTD of 5828' up to 4800' w/o pressure and ran main log f/5828' to surf w/1000 psi press on csg. Good cmt bond thru zones of interest and up to DV tool by WL measurement at 4964-4966' from DV tool to surf have good bond as well. Logs correlated to Halliburton's Neutron/Density OHL dated 7/6/02. RD Schl WL. TIH w/2-3/8" SN & 2-3/8" tbg to 4000'. Swab well dwn to 3000'. TOOH w/tbg. RU Schl WL w/lub & pack off. RIH w/3-3/8" csg guns loaded at 6 spf at 60 deg phasing & perf Lower Ismay f/5572-5576'. POOH w/guns. All shots fired. Did not see any fld increase or pressures after perf. RDMO Schl. SWIFN.

07/19/2002 Fri	DOL: 6	Daily: \$9,295.00	Cum: \$129,242.00
Rpt # 6	MD: 5,860	TVD: 0	Mud Wgt: 0
Mud Vis:			

SUMMARY
0# SICP - PU, TIH w/4-1/2" pkr, SN & 2-3/8" tbg to 5479' - Set pkr - Loaded annulus w/23 bbls Ismay produced wtr & tstd pkr to 500 psi - RU to swab well - BFL @ 2900', EFL @ SN @ 5479' - No fluid entry or shows - Recovered 10 BLW - MIRU BJ Services & acidized the lower Ismay f/5572-5576' w/1,000 gals of 28% HCL MSR acid containing 10 gpt Acigel, 6 gpt Ferrotrol-300L, 3 gpt CI-25 & 2 gpt NEL940 - Pmpd job as follows: RDMO BJ Services & RU to swab well - Well on vacuum - BFL @ 800', swabbed well down to 2700' in 4 swab runs - On 5th swab run starting to see oil & gas cut fluid with 20 BLWR - EFL @ 4900', swabbing off SN @ 5479' - Made a total of 11 swab runs, recovered 28 BLWTR & 3 BO - Well starting to gas some now but won't flow - 21 BLWTR - SWIFN

07/20/2002 Sat	DOL: 7	Daily: \$2,826.00	Cum: \$132,068.00
Rpt # 7	MD: 5,860	TVD: 0	Mud Wgt: 0
Mud Vis:			

SUMMARY
15 Hr. SITP @ 180# - Bled press off & RU to swab well - BFL @ 3300' (120" FL entry overnight) - 1st swab run off SN @ 5479' - Recovered 6 bbls FL w/60% oil cut - EFL @ 4800' - All swab of SN @ 5479' - Last swab run shows 30% oil cut - Good gas blows after each swab run - SWIFN. 15 BLWR

5 BO

4 BLWTR

Last 6 swab runs pulled on SN on 1/2 hr intervals - FL starying around 4500' - FL entry +/- 979' per 1/2 hr & FL is gas cut

07/21/2002 Sun	DOL: 8	Daily: \$2,826.00	Cum: \$134,894.00
Rpt # 8	MD: 5,860	TVD: 0	Mud Wgt: 0
Mud Vis:			

SUMMARY
15 Hr. SITP @ 180# - Bled press off tbg - RU to swab test well - BFL @ 3300' (1200' FL entry) - 1st swab run rec 3 bbls of FL with 60% oil cut - Made 3 more swab runs, rec 2 bbls Flush with a 10% oil cut - All swabs pulled off SN @ 5479' - Last run made worked 1/2 hr before swabbing, 200' FL entry, rec 0 FL on this run - EFL @ 5279' - Rec 2 bbls oil + 3 BW (1 BLWTR) - RD swabbing equip - Prep to pull tbg - Rlsd pkr @ 5479' & TOOH w/same - SWIFN

07/22/2002 Mon	DOL: 9	Daily: \$0.00	Cum: \$134,894.00
Rpt # 9	MD: 5,860	TVD: 0	Mud Wgt: 0
Mud Vis:			

SUMMARY
48 BLWR - 1 BLWTR - 10 BO recovered - Well SI Sunday

07/23/2002 Tue	DOL: 10	Daily: \$10,082.00	Cum: \$144,976.00
Rpt # 10	MD: 5,860	TVD: 0	Mud Wgt: 0
Mud Vis:			

SUMMARY
44 Hr SICP 0 psi - MIRU Halliburton WL Services w/lubricator & pack-off - Made up & RIH w/4-1/2" x 10,000 psi WL set tbg retrievable BP & set @ 5563' - POOH, FL @ 2300' - Made up & RIH w/2-3/4" perf gun loaded

@ 6 spf, 60 deg phasing & perf'd the Ismay Formation f/5527-45' - Saw no pressure or FL entry - . POOH w/perf guns - RDMO Halliburton - Correlated WL work to Schlumberger's CBL ran on 7/17/02 - PU & RIH w/BP retrieving tool & 4-1/2" HD Service pkr, 2-3/8" SN & 174 jts 2-3/8" tbg - Set pkr @ 5421' and 5420' - RU to swab test well - BFL @ 1500', EFL @ 5420' - Rec 10 BLW & 1 BO - No FL entry - SWIFN - Will acidize well this A.M.

07/24/2002 Wed	DOL: 11	Daily: \$15,232.00	Cum: \$160,208.00
Rpt # 11	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY		Mud Vis:	

15 Hr. SITP @ 125# - Bled off TP - Loaded csg annulus w/20 bbls Ismay produced wtr & tstd pkr to 500 psi - RU to swab test well - BFL @ 2650' (2771' FL entry overnight) - 1st swab run pulled f/3800', recovered 4 bbls fluid with 60% oil cut - EFL @ 4700', swabbing off SN @ 5420' - Last swab has 10% oil cut & recovered 1 bbl fluid on this swab run - Total of 9 bbls FL recovered, 3 BO, 6 BW - RD swabbing equip - MIRU BJ Services to acidize the Ismay formation f/5527-45' w/3000 gals 28% HCL acid containing 10 gpt Acigel, 6 gpt Ferrotrol-300L, 3 gpt CI-25 & 2 gpt NE-90 plus 108 ball sealers - Tstd lines to 6000 psi - Pmpd 5 bbls acid ahead, then the next 67 bbls of acid containg 108 ball sealers spaced evenly throughout the acid - Flushed to perfs w/23 bbls Ismay formation wtr - . Caught press w/19 bbls acid pmpd (FL 4900' +/-) - Formation brk @ 2250 psi, ATP @ 2250 psi @ 5.6 BPM, MTP @ 3400 psi @ 6.3 BPM - Saw good ball action, almost galled off perfs on tail end of flush - ISIP @ 1465 psi, 5 mins @ 309 psi, 10 mins @ 0 psi - RDMO BJ Services - 95 BLWTR - RU to swab test well - Tbg on vacuum - BFL @ 1200', EFL @ 17700' pulling swab f/2700' - Recovered 42 bbls fluid in 8 swab runs - Well trying to kick on the last 5 swab runs - 5-10% oil cuts on swab runs 3-8 - SWIFN (40 BLWR) (55 BLWTR) - 2 bbls oil recovered

07/25/2002 Thu	DOL: 12	Daily: \$2,740.00	Cum: \$162,948.00
Rpt # 12	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY		Mud Vis:	

15 Hr. SITP @ 360# - Bled press off tbg in 1/2 hr - Recovered 5 bbls FL - RU to swab test well - BFL @ 2000', EFL @ 2500', pulling swab f/4500' (SN @ 5420') - Recovered 95 bbls of FL in 11 swab runs (10 +/- BO, 55 BLWTR & 30 BW over load) - Last swab run had 50% oil wt - Well will flow to tank 45 mins after each swab run - Chlorides on wtr @ 140,000 ppm

07/26/2002 Fri	DOL: 13	Daily: \$2,800.00	Cum: \$165,748.00
Rpt # 13	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY		Mud Vis:	

14-1/2 Hr. SITP @ 660 psi - Bled press off 2-3/8" tbg in 15 mins - Rec 2 BO - RU to swab tst well - BFL @ 1900', EFL @ 2500' - Pulled swab, at times from SN @ 5420' - Recovered 115 bbls FL in 11 swab runs (28 oil/87 wtr) (117 CBWOL) - Oil cut averaging 25% cut - Well will kick for 15-20 mins after each swab run - SWIFN

07/27/2002 Sat	DOL: 14	Daily: \$4,340.00	Cum: \$170,088.00
Rpt # 14	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY		Mud Vis:	

15 Hr. SITP @ 700# - bled press off 2-3/8" tbg in 15 mins & recovered 2 bbls (OK) - RU & pulled 1 swab run, BFL @ 3500', pulled off SN @ 5420' - Recovered 10 bbls FL w/5-10% oil cut - Well flwd 15 mins after each swab run - RU to pull tbg, rlsd pack-off @ 5421' & RIH w/tbg to BP @ 5563' - Latched onto BP & released - TOOH & LD tools. PU & TIH w/2-3/8" prod string as follows:
 177 jts 2-3/8" 4.7# J-55 tbg (5497.21')
 1- 4-1/2" TAC set @ 5513.21' KBM)
 3 jts 2-3/8" tbg (90.49')
 1- 2-3/8" cup SN (1.10) - Set @ 5604.80' KBM
 1- 2-3/8" perf'd sub (3.05')
 1 jts 2-3/8" tbg (30.27')
 2-3/8" collar w/bull plug (.85)
 EOT - KBM (5638.97'). TAC set w/15,000# tension - RU wellhead & swab tstd well (57 BLWTR) - BFL @ 2200', EFL 2600' swabbing f/4600' - Recovered 12 bbls FL in 3 swab runs - 1st swab run, 40% oil cut, next

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2 runs 100% wtr - 8 BO recovered & 47 BLWTR - SWIFN & week-end

07/28/2002 Sun	DOL: 15	Daily: \$0.00	Cum: \$170,088.00
Rpt # 15	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
SIFWE			

07/29/2002 Mon	DOL: 16	Daily: \$0.00	Cum: \$170,088.00
Rpt # 16	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
Well SI for Week-end			

07/30/2002 Tue	DOL: 17	Daily: \$2,893.00	Cum: \$172,981.00
Rpt # 17	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
64 hr SITP @ 80# - SICP @ 610# - Bled press off 2-3/8" tbg - RU to swab test well - BFL @ 2000', EFL @ 3500' - Pulling swab off SN @ 5604' - Recovered 111 bbls FL in 15 swab runs, 12 BO, 99 BW (52 BWOL) - Ending oil cut 20-25% - Will swab test well today.			

07/31/2002 Wed	DOL: 18	Daily: \$2,986.00	Cum: \$175,967.00
Rpt # 18	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
15 Hr. SITP 80# - SICP 400# - Opened 2-3/8" tbg, bled pressure off - RU to swab test well - BFL @ 2500', EFL @ 3500' - Pulled swab off SN @ 5604' - Recovered 108 bbls FL in 22 swab runs (35 BO - 73 BW) - Ending oil cut @ 15% - Note: Swab runs 8 thru 12 cut 100% oil.			

08/01/2002 Thu	DOL: 19	Daily: \$2,759.00	Cum: \$178,726.00
Rpt # 19	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
15 Hr. SITP 0# - SICP @ 475# - Bled press off 2-3/8" tbg (slight blow) - RU to swab test well - BFL @ 2500', EFL @ 2000-2500' - Pulled swab off SN @ 5604' (fluid gas cut) - Recovered 130 bbls FL in 25 swab runs - Est 30 BO, 100 BW, ending oil cuts running 10-15% - Est csg gas rate @ 40 MCFD - At times, well will unload some oil up csg - Will RDMO pulling unit to the Mustang #26-33 to pull pump and rods out of well to use them on the Bonito completion.			

08/02/2002 Fri	DOL: 20	Daily: \$2,357.00	Cum: \$181,083.00
Rpt # 20	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
15 Hr. SITP 25# - SICP 800# - RD completion unit & road rigged over to the Mustang #26-33 - RU unit, unseat pump & TOOHL rod string 1-1/4" pump - SWIFN - Will purchase a new 1-1/2" pump for the Bonito #41-6-85 completion and use the rod string f/the Mustang #26-33 on the Bonito completion			

08/03/2002 Sat	DOL: 21	Daily: \$11,178.00	Cum: \$192,261.00
Rpt # 21	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
RD PU from the Mustang #26-33 and move back over to the Bonito #41-6-85 - RU unit, PU & RIH w/pump & rods as follows:			
22' x 1-1/2" Polish rod			
6' = 4' x 7/8" Rod subs (10')			
71 x 7/8" Grade-D rods (1,775')			
47 x 3/4" Grade-D rods (1,175')			
4' x 1-1/4" K-Bars (100')			
2" x 1-1/2" Pump. Seat and space out pump - Clamp off at tag - Good pump action - Stroked w/ing RDMO completion unit - Moving equip f/Mustang #26-33 to the Bonito - Well should under test by this Saturday, 8/10/02. DROPPED FROM REPORT UNTIL ON PRODUCTION			

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08/19/2002 Mon	DOL: 22	Daily: \$33,100.00	Cum: \$225,361.00
Rpt # 22	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
Fnsd unhooking prod equip f/the Mustang #26-33 - Moved equip over to the Bointo #41-6-85 & hooked up equip - Started up pmpg unit on 8/18/02 @ 11 AM MDT - Filled treater in 7-1/2 hrs - Produced 74-1/2 BW in 13 hrs & no oil - This AM starting to see some oil - Running 40# treater pressure & 7-8 SPM on pmpg unit - Will hook up orifice tester to est gas sales tomorrow.			

08/20/2002 Tue	DOL: 23	Daily: \$0.00	Cum: \$225,361.00
Rpt # 23	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
24 Hr. Production:			
3.34 BO - 87 BW - 40# Treater Pressure - 7- SPM - Will re-balance wts			

08/21/2002 Wed	DOL: 24	Daily: \$0.00	Cum: \$225,361.00
Rpt # 24	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
24 Hrs. - 33 BO - 99 BW - 40-45# Treater Pressure - 8 SPM - Orifice tester to arrive tomorrow.			

08/22/2002 Thu	DOL: 25	Daily: \$0.00	Cum: \$225,361.00
Rpt # 25	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
20 Hrs: 29 BO - 117 BW - 40-45# Treater Pressure - 8 SPM - Rebalanced unit - Raised rods off tag			

08/23/2002 Fri	DOL: 26	Daily: \$0.00	Cum: \$225,361.00
Rpt # 26	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
24 Hrs: 19 BO - 119 BW - 160 Gas - 1/2" chk - 40-45# - 9 SPM - Orifice worked up late last night.			

08/24/2002 Sat	DOL: 27	Daily: \$0.00	Cum: \$225,361.00
Rpt # 27	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
24 Hrs: 29 BO - 128 BW - 107 MCF - 1/2" chk - 40-45# Treater Pressure - 9 SPM			

08/25/2002 Sun	DOL: 28	Daily: \$0.00	Cum: \$225,361.00
Rpt # 28	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
24 Hrs: 1/2" Chk - 11 BO - 134 BW - 107 MCF - 40-45 Treater Pressure - 9 SPM			

08/26/2002 Mon	DOL: 29	Daily: \$0.00	Cum: \$225,361.00
Rpt # 29	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
24 Hrs: 1/2" Chk - 27 BO - 110 BW - 107 MCF - 40-45# Treater Pressure - 9 SPM			

08/27/2002 Tue	DOL: 30	Daily: \$0.00	Cum: \$225,361.00
Rpt # 30	MD: 5,860	TVD: 0	Mud Wgt: 0
SUMMARY			
24 Hrs - 3/4" Chk - 20 BO - 115 BW - 107 MCF - 40-45# Treater Press - 9 SPM			
Not 1/2" as previously reported			

08/28/2002 Wed	DOL: 31	Daily: \$0.00	Cum: \$225,361.00
Rpt # 31	MD: 5,860	TVD: 0	Mud Wgt: 0

SUMMARY

24 Hrs: 3/4" Chk - 17 BO - 127 BW - 107 MCF - 40-45# Treater Pressure - 9 SPM
Dropd CP to 30# - From 8/21 thru 8/27 showed 17% oil cut

Mud Vis:

08/29/2002 Thu

DOL: 32

Daily:

\$0.00

Cum: \$225,361.00

Rpt # 32

MD: 5,860

TVD:

0

Mud Wgt: 0

SUMMARY

Mud Vis:

24 Hrs: 3/4" Chk - 17 BO - 115 BW - 120 MCF - 30# Treater Pressure - 9 SPM

Recalibrated well testers

Randy will check on Well Pro's Abandonect Wells for gas connect - Line pressure in the area 30-35#, think max 1575#

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API # 43-037-31824
T38S R25E SEC-06

Samedan Oil Corporation

Bonito # 41-6-85
San Juan County
Utah

CONVENTIONAL CORE ANALYSIS
Report No. HOU-020657

October, 2002

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DIVISION OF
OIL, GAS AND MINING

This report is based entirely upon core samples, soils, solids, liquids, or gases, together with related observational data, provided solely by the client. The conclusions, inferences, deductions and opinions rendered herein reflect the examination, study and testing of these items, and represent the best judgement of Core Petrophysics, Inc. Any reliance on the information contained herein concerning the profitability or productivity on any well, sand, or drilling activity is at the sole risk of the client, and Core Petrophysics, Inc., neither extends nor makes any warranty or representation whatsoever with respect to same. This report has been prepared for the exclusive and confidential use of the client and no other party.



Core Laboratories

Material Shipment Record

CL File Number: Hou-020657

DATE: 29-Oct-02

SHIP TO: Utah DOGM

x 1594 W. Temple, Ste 1210
Salt Lake City, UT 84114-5801

ATTN: Ms. Carol Daniels

COMPANY: Samedan Oil Corporation

WELL: Bonito 41-6-85

Field :

LOCATION: San Juan County, Utah

MATERIAL TYPE: Conventional Core Analysis Reports

INVENTORY: 2 copies report/2 CD's

SHIPPED VIA: Airborne Express

WAYBILL NO: 7443368273

INIT. JB

PLEASE SIGN TO ACKNOWLEDGE RECEIPT OF ABOVE SHIPMENT AND RETURN TO:

ONE COPY TO:

CORE LABORATORIES, INC.
6316 Windfern Road
Houston, Texas 77040
ATTN: SHIPPING

MATERIAL RECEIVED BY:

DATE:

PRINT NAME:



Samedan Oil Corporation

**Bonito # 41-6-85
San Juan County
Utah**

**CONVENTIONAL CORE ANALYSIS
Report No. HOU-020657**

October, 2002

RECEIVED

OCT 30 2002

**DIVISION OF
OIL, GAS AND MINING**

This report is based entirely upon core samples, soils, solids, liquids, or gases, together with related observational data, provided solely by the client. The conclusions, inferences, deductions and opinions rendered herein reflect the examination, study and testing of these items, and represent the best judgement of Core Petrophysics, Inc. Any reliance on the information contained herein concerning the profitability or productivity on any well, sand, or drilling activity is at the sole risk of the client, and Core Petrophysics, Inc., neither extends nor makes any warranty or representation whatsoever with respect to same. This report has been prepared for the exclusive and confidential use of the client and no other party.



Core Petrophysics
6316 Windfern
Houston, TX 77040 USA
Tel: 713-328-2565
Fax: 713-328-2567

October 10, 2002

Samedan Oil Corporation
12600 Northborough, Suite 250
Houston, Texas 77067
Attn: Mr. Brian Crooks

Final Core Analysis Report
Bonito 41-6-85
San Juan County, Utah
CPI File No. HOU-020657

Dear Mr. Crooks,

A conventional core from the subject well was retrieved at the wellsite by Core Laboratories personnel. Analysis was performed as directed by representatives of Samedan Oil Corporation.

The following documentation includes procedures for wellsite services, sample preparation, petrophysical measurements, and the resultant data reported in tabular, digital, and graphical formats.

We appreciate this opportunity to be of service. If we can be of further assistance, please do not hesitate to contact us.

Sincerely,

CORE LABORATORIES LP

Ruben D. Lopez
Laboratory Technical Specialist



CONVENTIONAL CORE ANALYSIS

for

**SAMEDAN OIL CORPORATION
BONITO # 41 - 6 - 85
SAN JUAN COUNTY
UTAH
File No. HOU-020657**

October 10, 2002

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CD - ROM (Excel Format)		
Includes all data tables, figures, and appendices		



CONVENTIONAL CORE ANALYSIS

for

**SAMEDAN OIL CORPORATION
BONITO # 41 – 6 – 85 WELL
SAN JUAN COUNTY
UTAH**

File No. HOU-020657

October 10, 2002

WELLSITE SERVICES

Personnel from Core Laboratories' Houston facility retrieved the core at the wellsite. The core was removed from the steel core barrel and transferred to 3-foot sections of PVC. All core material was then placed in labeled 3-foot core boxes and transported via hotshot to Houston.

SAMPLE PREPARATION

TOTAL CORE GAMMA: The natural gamma radiation count of each core was recorded as a function of depth. Results were recorded in API units of gamma activity. The instrument was calibrated against API standards and adjusted for background radiation.

PLUG DRILLING and TRIMMING: Plug samples were drilled at points designated by Anadarko Petroleum Corporation representatives. The 1.5-inch diameter plugs were drilled and clipped using fresh tap water as the drilling and trimming lubricant. The plugs were faced with a diamond facing tool to provide right circular cylinders. Trimmed ends were catalogued and stored.

DEAN STARK ANALYSIS: Each horizontal plug sample was weighed, placed in a glass tare, and extracted of hydrocarbons and water using a Dean Stark apparatus. The Dean Stark method uses toluene as the refluxing solvent. Each sample was suspended over boiling toluene at

approximately 240 degrees. Toluene vapor, along with water vapor from each sample, was cooled in a distillation tower and collected in a receiving tube where the water separated from the toluene. The extracted oil remained in the toluene. Saturations were calculated by using the measured water volume and a gravimetrically derived oil volume. An oil density of 0.89 g/cm³ and a water density of 1.00 g/cm³ were used for the calculations.

PLUG CLEANING: All samples were placed in a cool-solvent soxhlet extractor to remove any hydrocarbons remaining after Dean Stark analysis. A chloroform/methanol azeotrope was used as the refluxing solvent. Extraction was continued until the returning solvent was clear.

PLUG LEACHING: All samples were extracted of salts in a cool-solvent soxhlet extractor. Methanol was used as the leaching solvent. Extraction was continued until a test of the returning solvent with AgNO₃ solution yielded no precipitate.

PLUG DRYING: All samples were dried in a convection oven at 240 degrees F. until weight stabilization was achieved.

PETROPHYSICAL MEASUREMENTS

"QUICK-LOOK" ANALYSIS: In order to provide a rapid-turnaround preliminary evaluation of the cores, a "quick-look" analysis was performed on all horizontal plug end trims. Each sample was weighed and placed in a volumetric mercury pump where the bulk volume was measured by mercury displacement. The sample was injected with mercury to measure the gas percent bulk. Next, each sample was sealed in a retort cup, placed in a high temperature retort, and heated to a temperature of 1200 degrees F. Distilled fluids were recovered in calibrated receiving tubes. Summation of Fluids porosities and residual fluid saturations were calculated using the mercury bulk volumes and the distilled fluid volumes.

PROFILE PERMEAMETER: The Pressure - Decay Profile Permeameter device measures permeability by flowing nitrogen gas through a portion of the sample. An o-ring tipped probe is seated on the surface of the core. A reference cell is initially filled with nitrogen gas to a predetermined pressure. Once equilibrated, the pressure is allowed to decay through the probe and into the core surface. The decay of the initial pressure is monitored versus time. Permeability is then calculated using the pressure decay versus time data. This analysis was performed on the plug end trims.

GRAIN VOLUME: Direct grain volume measurements were made using an automated helium porosimeter. This instrument utilizes the principle of gas expansion as described by Boyle's Law. The instrument was calibrated daily and test standards were run to verify instrument accuracy.

GRAIN DENSITY: Calculated grain densities were obtained utilizing grain volume measurements and clean, dry sample weights. Grain densities were checked against lithology standards.

PLUG DIMENSIONS: Sample lengths and diameters were measured using digital metric calipers.

CMS-300 PLUG ANALYSIS:

A. PERMEABILITY "k": Permeability was measured by flowing helium from a reference

cell of known volume through the plug samples. The downstream end of the plug was maintained at atmospheric pressure. The upstream pressure was initially at 240 psig and was allowed to decay through the sample. The pressure decay vs. time was monitored and recorded digitally. The net confining stress used for this project was 1800 psig.

I. K-Klinkenberg: Unsteady state equations were used with time/pressure decay data to calculate the Klinkenberg slip corrected permeability at the designated net confining stress.

II. K-air: Permeability to air at the designated net confining stress was calculated from time/pressure decay data.

B. POROSITY: A reference cell of known volume was initially pressurized with helium to approximately 240 psig. As the pressure was allowed to expand into the core sample, pressure decay was monitored. At pressure equilibrium, Boyle's Law was used to compute pore volume. Pore volumes were measured at the designated net confining stress. Porosities were then calculated by using the pore volumes from the CMS-300 and the grain volumes from the automated porosimeter.

CORE SLABBING: A masonry saw equipped with a diamond blade was used to cut the cores vertically into 1/3 - 2/3 sections. Water was used as the blade coolant/lubricant.

CORE PHOTOGRAPHY: The 1/3 section of the slabbed core was photographed under white light and U.V. light conditions. A "box" format, which displays an entire slab box in an 8 x 10 photo, was used. Digital files and hard copies containing the core photography images were previously distributed to Samedan Oil Corporation.



Core Analysis Data

Company : Samedan Oil Corporation
Well : Bonito 41-6-85
Location : San Juan County, Utah



CL File No.: HOU-020657
Date: July 17, 2002
Analyst(s): ML-LA-JH

CMS-300 CONVENTIONAL PLUG ANALYSIS

Sample Number	Depth ft	Net Confining Stress psig	Porosity %	Permeability		(Klink/phi) ^{0.5}	b(He) psi	Beta ft(-1)	Alpha microns	Grain Density g/cm3	Footnote
				Klinkenberg	Kair						
				mD	mD						
1V	5540.20	1800	18.79	9.03	10.8	6.9	10.58	8.54E+08	2.50E+01	2.789	
2	5540.50	1800	18.87	6.95	8.51	6.1	12.50	1.42E+09	3.16E+01	2.786	
3	5541.20	1800	19.60	7.87	9.63	6.3	12.33	9.28E+08	2.35E+01	2.810	
4	5542.20	1800	19.65	10.5	12.6	7.3	10.86	5.40E+08	1.82E+01	2.797	
5	5543.20	1800	20.19	10.9	13.2	7.4	11.24	5.83E+08	2.05E+01	2.802	
6	5544.20	1800	20.77	14.0	16.4	8.2	9.37	3.82E+08	1.71E+01	2.802	
7V	5545.29	1800	19.62	9.27	11.3	6.9	12.04	6.88E+08	2.05E+01	2.815	
8	5545.50	1800	18.49	9.07	10.7	7.0	10.02	8.47E+08	2.47E+01	2.828	
9	5546.20	1800	19.94	9.74	11.7	7.0	11.15	7.01E+08	2.19E+01	2.800	
10	5547.10	1800	20.35	9.60	11.5	6.9	11.05	8.07E+08	2.49E+01	2.809	
11	5548.10	1800	19.06	7.73	9.38	6.4	11.81	1.38E+09	3.43E+01	2.824	
12	5549.10	1800	20.07	4.72	5.89	4.9	14.14	4.76E+09	7.26E+01	2.804	
13V	5550.10	1800	16.82	2.83	3.62	4.1	16.47	1.35E+10	1.22E+02	2.791	
14	5550.39	1800	11.65	.284	.396	1.6	26.71	1.35E+12	1.21E+03	2.844	
15	5551.20	1800	16.85	1.64	2.09	3.1	16.83	8.48E+10	4.43E+02	2.782	
16	5552.10	1800	10.11	.190	.292	1.4	37.30	1.04E+12	6.16E+02	2.804	
17	5553.20	1800	3.74	.003	.006	0.3	126.00	1.32E+15	1.10E+04	2.801	
18	5554.20	1800	12.51	.523	.736	2.0	26.50	1.10E+12	1.82E+03	2.866	
19	5555.10	1800	16.11	.620	.793	2.0	18.10	4.21E+12	8.24E+03	2.834	
20V	5555.29	1800	15.36	.329	.477	1.5	30.22	2.21E+11	2.29E+02	2.835	
21	5556.10	1800	11.84	.033	.082	0.5	114.00	5.80E+13	5.89E+03	2.826	
22	5574.50	1800	1.63	.182	.232	3.3	19.39	4.30E+12	2.53E+03	2.810	

Company : Samedan Oil Corporation
 Well : Bonito 41-6-85
 Location : San Juan County, Utah



CL File No.: HOU-020657
 Date: July 17, 2002
 Analyst(s): ML-LA-JH

CMS-300 CONVENTIONAL PLUG ANALYSIS

Sample Number	Depth ft	Net Confining Stress psig	Porosity %	Permeability		(Klink/phi) ^{0.5}	b(He) psi	Beta ft(-1)	Alpha microns	Grain Density g/cm3	Footnote
				Klinkenberg	Kair						
				mD	mD						
23V	5575.00	1800	1.46	.022	.032	1.2	36.29	2.08E+14	1.49E+04	2.787	(1)
24	5575.20	1800	1.74	1.11	1.19	8.0	4.03	3.27E+11	1.17E+03	2.833	
25	5576.10	1800	0.93	.002	.004	0.4	138.70	5.12E+16	2.86E+05	2.801	
26	5577.20	1800	2.52	.012	.020	0.7	50.71	4.97E+15	1.91E+05	2.750	
27	5578.20	1800	3.47	.026	.044	0.9	56.55	6.38E+14	4.98E+04	2.722	
28	5579.10	1800	4.06	.028	.045	0.8	48.52	4.08E+14	3.46E+04	2.720	
29V	5580.10	1800	6.06	.063	.094	1.0	35.65	8.96E+13	1.75E+04	2.719	
30	5580.50	1800	5.39	.477	.648	3.0	23.51	2.63E+12	3.95E+03	2.730	
31	5581.20	1800	5.88	.133	.210	1.5	41.54	1.48E+12	6.30E+02	2.720	
32	5582.20	1800	6.05	.053	.090	0.9	53.17	1.33E+14	2.27E+04	2.724	
33	5583.10	1800	4.76	.016	.029	0.6	70.67	1.66E+15	8.35E+04	2.714	
34	5584.20	1800	6.10	.151	.218	1.6	31.70	1.93E+12	9.37E+02	2.710	
35V	5585.29	1800	6.71	.191	.262	1.7	25.74	2.37E+13	1.46E+04	2.716	
36	5585.50	1800	6.96	.010	.021	0.4	89.53	3.44E+15	1.15E+05	2.713	
37	5586.39	1800	5.55	.255	.309	2.1	14.49	3.99E+11	3.28E+02	2.710	
38	5587.10	1800	6.79	.016	.031	0.5	81.03	2.04E+15	1.03E+05	2.739	

(1) : Fractures visible in sample. Porosity and permeability values may be optimistic.

Company : Samedan Oil Corporation
 Well : Bonito 41-6-85
 Location : San Juan County, Utah



CL File No.: HOU-020657
 Date: July 17, 2002
 Analyst(s): ML-LA-JH

CMS-300 CONVENTIONAL PLUG ANALYSIS – DEAN STARK FLUID SATURATIONS

Sample Number	Depth ft	Net Confining Stress psig	Porosity %	Permeability		Saturation		Grain Density g/cm3	Description	Flu	Footnote
				Klinkenberg	Kair	Oil	Water				
				mD	mD	% Pore Volume					
1V	5540.20	1800	18.79	9.027	10.771			2.789	Ls lt tn vf xln		
2	5540.50	1800	18.87	6.950	8.512	13.2	34.8	2.786	Ls lt tn vf xln	ev bt gld	
3	5541.20	1800	19.60	7.872	9.631	25.2	34.8	2.810	Ls lt tn vf xln	ev bt gld	
4	5542.20	1800	19.65	10.482	12.578	22.1	36.0	2.797	Ls lt tn vf xln	ev bt gld	
5	5543.20	1800	20.19	10.936	13.205	19.4	29.0	2.802	Ls lt tn vf xln	ev bt gld	
6	5544.20	1800	20.77	13.963	16.413	11.4	24.2	2.802	Ls lt tn vf xln	ev bt gld	
7V	5545.29	1800	19.62	9.266	11.305			2.815	Ls lt tn vf xln s lam		
8	5545.50	1800	18.49	9.072	10.732	13.8	31.8	2.828	Ls lt tn vf xln lam	ev bt gld	
9	5546.20	1800	19.94	9.736	11.727	14.3	39.5	2.800	Ls lt tn vf xln lam	ev bt gld	
10	5547.10	1800	20.35	9.595	11.539	14.8	32.8	2.809	Ls lt tn vf xln	ev bt gld	
11	5548.10	1800	19.06	7.728	9.380	13.9	31.4	2.824	Ls lt tn vf xln	ev bt gld	
12	5549.10	1800	20.07	4.721	5.894	10.7	35.5	2.804	Ls lt tn vf xln	ev bt gld	
13V	5550.10	1800	16.82	2.828	3.621			2.791	Ls lt tn vf xln		
14	5550.39	1800	11.65	0.284	0.396	2.9	29.8	2.844	Ls lt tn vf xln	ev bt gld	
15	5551.20	1800	16.85	1.638	2.093	2.5	39.7	2.782	Ls lt tn vf xln	ev bt gld	
16	5552.10	1800	10.11	0.190	0.292	2.1	40.5	2.804	Ls lt tn vf xln	stk bt gld	
17	5553.20	1800	3.74	0.003	0.006	3.5	37.6	2.801	Ls lt tn vf xln	dl gld	
18	5554.20	1800	12.51	0.523	0.736	1.9	49.8	2.866	Dol lt tn vf xln slmy anhy nod	no	
19	5555.10	1800	16.11	0.620	0.793	0.0	47.5	2.834	Dol lt tn vf xln slmy anhy nod	no	
20V	5555.29	1800	15.36	0.329	0.477			2.835	Dol lt tn vf xln slmy anhy nod		
21	5556.10	1800	11.84	0.033	0.082	2.0	56.9	2.826	Dol lt tn vf xln slmy	no	
22	5574.50	1800	1.63	0.182	0.232	0.0	34.9	2.810	Ls gry-lt gry micro-vf xln vfoss	no	

Company : Samedan Oil Corporation
Well : Bonito 41-6-85
Location : San Juan County, Utah



CL File No.: HOU-020657
Date: July 17, 2002
Analyst(s): ML-LA-JH

CMS-300 CONVENTIONAL PLUG ANALYSIS – DEAN STARK FLUID SATURATIONS

Sample Number	Depth ft	Net Confining Stress psig	Porosity %	Permeability		Saturation		Grain Density g/cm3	Description	Flu	Footnote
				Klinkenberg	Kair	Oil	Water				
				mD	mD	% Pore Volume					
23V	5575.00	1800	1.46	0.022	0.032			2.787	Ls gry-lt gry micro-vf xln vfoss		
24	5575.20	1800	1.74	1.114	1.187	0.0	15.1	2.833	Ls gry-lt gry micro-vf xln vfoss	no	(1)
25	5576.10	1800	0.93	0.002	0.004	10.7	17.3	2.801	Ls gry-lt gry micro-vf xln vfoss	stk gld	
26	5577.20	1800	2.52	0.012	0.020	0.0	43.7	2.750	Ls gry-lt gry micro-vf xln vfoss	min	
27	5578.20	1800	3.47	0.026	0.044	0.0	18.4	2.722	Ls gry-lt gry micro-vf xln vfoss pp vug	min	
28	5579.10	1800	4.06	0.028	0.045	0.0	25.1	2.720	Ls gry-lt gry micro-vf xln vfoss pp vug	min	
29V	5580.10	1800	6.06	0.063	0.094			2.719	Ls gry-lt gry micro-f xln vfoss pp vug		
30	5580.50	1800	5.39	0.477	0.648	11.6	31.1	2.730	Ls gry-lt gry vf-vcrs xln vfoss vug	stk gld	
31	5581.20	1800	5.88	0.133	0.210	7.8	36.0	2.720	Ls gry-lt gry vf-f xln vfoss pp vug	stk gld	
32	5582.20	1800	6.05	0.053	0.090	6.3	23.0	2.724	Ls gry-lt gry micro-f xln vfoss pp vug	stk gld	
33	5583.10	1800	4.76	0.016	0.029	5.4	16.5	2.714	Ls gry-lt gry vf-f xln vfoss pp vug	stk gld	
34	5584.20	1800	6.10	0.151	0.218	0.0	26.7	2.710	Ls gry-lt gry vf-f xln vfoss pp vug	no	
35V	5585.29	1800	6.71	0.191	0.262			2.716	Ls gry-lt gry vf-f xln vfoss pp vug		
36	5585.50	1800	6.96	0.010	0.021	0.0	26.6	2.713	Ls gry-lt gry vf-f xln vfoss pp vug	no	
37	5586.39	1800	5.55	0.255	0.309	0.0	33.2	2.710	Ls gry-lt gry micro-vf xln vfoss pp vug	no	
38	5587.10	1800	6.79	0.016	0.031	0.0	34.4	2.739	Ls gry-lt gry micro-f xln vfoss pp vug	no	

(1) : Fractures visible in sample. Porosity and permeability values may be optimistic.

Samedan Oil Corporation
Bonito 41-6-85
San Juan County, Utah



FILE NO. : Hou-020657
DATE : June 28, 2002
ANALYSTS : AC/IC/RV
DRLG FLUID : Gel Chem

Quick Look Core Analysis

SMPL. NO.	DEPTH (ft)	Probe	Summation of fluids					°API	LITHOLOGY	FLU
		Kair (mD)	POR (%)	Sco (%)	Stw (%)	Ob (%)	Gb (%)			
2	5540.5	8.18	17.1	12.3	31.7	2.1	9.6	38	Ls fnly xln dol ool	ev bt gld
3	5541.2	7.39	14.6	22.8	40.5	3.3	5.3	38	Ls fnly xln dol ool	ev bt gld
4	5542.2	10.18	15.5	20.3	42.6	3.1	5.7	38	Ls fnly xln dol ool	ev bt gld
5	5543.2	8.42	13.3	28.4	26.5	3.8	6.0	38	Ls fnly xln dol ool	ev bt gld
6	5544.2	9.46	19.8	15.7	21.6	3.1	12.4	38	Ls fnly xln dol ool	ev bt gld
8	5545.5	1.43	19.9	10.0	20.5	2.0	13.9	38	Ls fnly xln dol ool	ev bt gld
9	5546.2	3.75	17.9	15.7	38.7	2.8	8.2		Ls fnly xln dol ool	ev bt gld
10	5547.1	4.28	19.8	12.3	36.2	2.4	10.2	38	Ls fnly xln dol ool	ev bt gld
11	5548.1	4.77	19.8	12.0	29.3	2.4	11.6		Ls fnly xln dol ool	ev bt gld
12	5549.1	2.44	17.8	11.9	35.3	2.1	9.4	38	Ls fnly xln dol ool	ev bt gld
14	5550.4	0.260	14.1	1.8	33.6	0.2	9.1		Ls fnly xln dol ool	ev bt gld
15	5551.2	0.827	17.1	1.4	35.5	0.2	10.8	39	Ls fnly xln dol ool	ev bt gld
16	5552.1	0.313	12.2	1.0	37.8	0.1	7.5		Ls vfny xln dol	stk bt gld
17	5553.2	0.130	6.7	1.9	33.9	0.1	4.3		Ls vfny xln dol	dl gld
18	5554.2	0.172	15.2	0.8	43.3	0.1	8.5		Ls vfny xln dol	no
19	5555.1	0.150	16.4	0.0	46.7		8.7		Ls vfny xln dol	no
21	5556.1	0.183	14.9	0.9	51.7	0.1	7.1		Ls vfny xln dol	no
22	5574.5	0.571	5.7	0.0	15.9		4.8		Ls micro xln dol	no

Samedan Oil Corporation
Bonito 41-6-85
San Juan County, Utah



FILE NO. : Hou-020657
DATE : June 28, 2002
ANALYSTS : AC/IC/RV
DRLG FLUID : Gel Chem

Quick Look Core Analysis

SMPL. NO.	DEPTH (ft)	Probe	Summation of fluids					°API	LITHOLOGY	FLU
		Kair (mD)	POR (%)	Sco (%)	Stw (%)	Ob (%)	Gb (%)			
24	5575.2	1.49	1.5	0.0	15.2		1.3		Ls micro xln dol	no
25	5576.1	0.073	1.2	9.4	16.6	0.1	0.9		Ls micro xln dol	stk gld
26	5577.2	0.287	2.9	0.0	51.9		1.4		Ls micro xln dol	min
27	5578.2	0.829	4.0	0.0	13.0		3.5		Ls micro xln dol	min
28	5579.1	36.8	2.8	0.0	33.9		1.9		Ls micro xln dol	min
30	5580.5	0.068	4.1	6.3	27.2	0.3	2.7		Ls micro xln dol	stk gld
31	5581.2	9.09	6.1	4.0	27.4	0.2	4.2		Ls micro xln dol vug	stk gld
32	5582.2	18.1	5.3	4.4	15.2	0.2	4.3		Ls micro xln dol vug	stk gld
33	5583.1	30.5	3.6	6.6	11.3	0.2	3.0		Ls micro xln dol vug	stk gld
34	5584.2	0.132	6.4	0.0	17.6		5.3		Ls micro xln dol vug	no
36	5585.5	1.71	6.0	0.0	24.9		4.5		Ls micro xln dol vug	no
37	5586.4	48.0	2.1	0.0	27.8		1.5		Ls micro xln dol vug	no
38	5587.1	0.050	11.9	0.0	25.7		8.8		Ls micro xln dol vug	no



Statistical Averages

Samedan Oil Corporation
Bonito 41 - 6 - 85
San Juan County
Utah



FILE NO. : HOU - 020657
DATE : August 12, 2002
ANALYST : RL, ML, JH

STATISTICAL AVERAGES

Sample Interval	5540.50 ft - 5587.10 ft	
Net Confining Stress	1800 PSI	
Total samples included in statistics (Horizontal)	31	
KLINKENBERG PERMEABILITY		
Arithmetic Mean	3.12	mD
Geometric Mean	0.350	mD
Harmonic Mean	0.022	mD
POROSITY		
Arithmetic Mean	11.02	%
GRAIN DENSITY		
Arithmetic Mean	2.781	g/cc
OIL SATURATION		
Arithmetic Mean	7.0	%
WATER SATURATION		
Arithmetic Mean	32.7	%



Abbreviation Codes

DESCRIPTION CODE KEY AND ABBREVIATIONS

LITHOLOGY

Anhy	Anhydrite
Cgl	Conglomerate
Dol	Dolomite
Glauc	Glaucinite
H	Halite
Lig	Lignite
Ls	Limestone
Pyr	Pyrite
Sd	Sand
Sh	Shale
Slt	Silt
Sf	Shell Fragments

FLUORESCENCE

ev	even
stk	streaks(ed)
spt	spots(ed)
mott	mottled

COLOR

b	blue
b-w	blue-white
bz	bronze
gld	gold
w	white
y	yellow

INTENSITY

bt	bright
ft	faint
dl	dull
vft	very faint

MODIFIERS

u	unconsolidated
vs	very slightly
s	slightly
m	moderately
mw	moderately well
v	very
w	well

GRAIN SIZE

vfg	very fine grain
fg	fine grain
mg	medium grain
cg	coarse grain

OTHER

calc	calcareous
cln	clean
carb	carbonaceous
cem	cementation
con	consolidated
dns	dense
flu	fluorescence
foss	fossiliferous
frc	fractured(s)
fl	flushed

ha	high angle
hd	hard
lam	laminated(ion)
mic	micaceous
ms	mudshot
shy	shaley
sily	silty
tr	trace
vug	vuggy
vt	vertical

PRODUCTION CODES

Gas	gas
Oil	oil
Cond	condensate
Water	water
(1)	altered core
(2)	exposed core
(3)	insufficient sample
(4)	contaminated core
(5)	
(6)	low permeability

OTHER ABBREVIATIONS

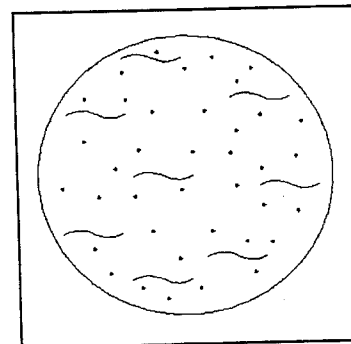
Por	porosity, %
Gb	gas saturation, % bulk volume
Ob	oil saturation, % bulk volume
Sco	core oil saturation, % pore volume
Stw	total water saturation, % pore volume
Sciw	critical water saturation, % pore volume
Vsh	volume of shale, % bulk volume
Cs	surface area (m ² /cc)
Mean	mean grain size, microns

FOOTNOTES

- * permeability values determined empirically
** Sciw values after Granberry, R.J. and Keelan, D.K., 1977
*** samples interpreted without knowledge of depth or intervals

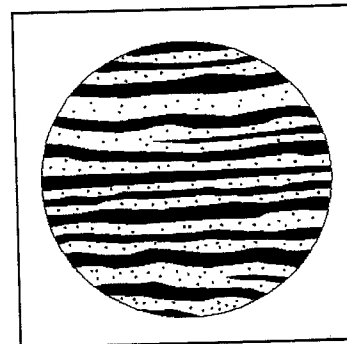
INTERLAMsm THIN BED SAMPLE DESCRIPTION

TYPE 1



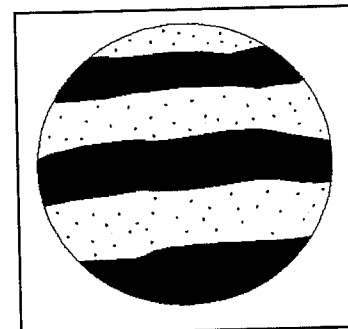
SHALE LAMINATIONS < 1 mm

TYPE 2



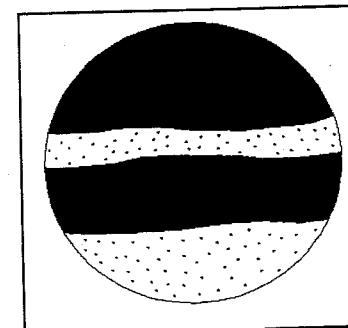
SHALE LAMINATIONS 1-5 mm

TYPE 3



SHALE LAMINATIONS 5-10 mm

TYPE 4



SHALE LAMINATIONS > 10 mm



Figures



Samedan Oil Corporation

Bonito 41 - 6 - 85

San Juan County

Utah

CPI File No.: HOU-020657

Klinkenberg Permeability vs Porosity

1800 psi NCS

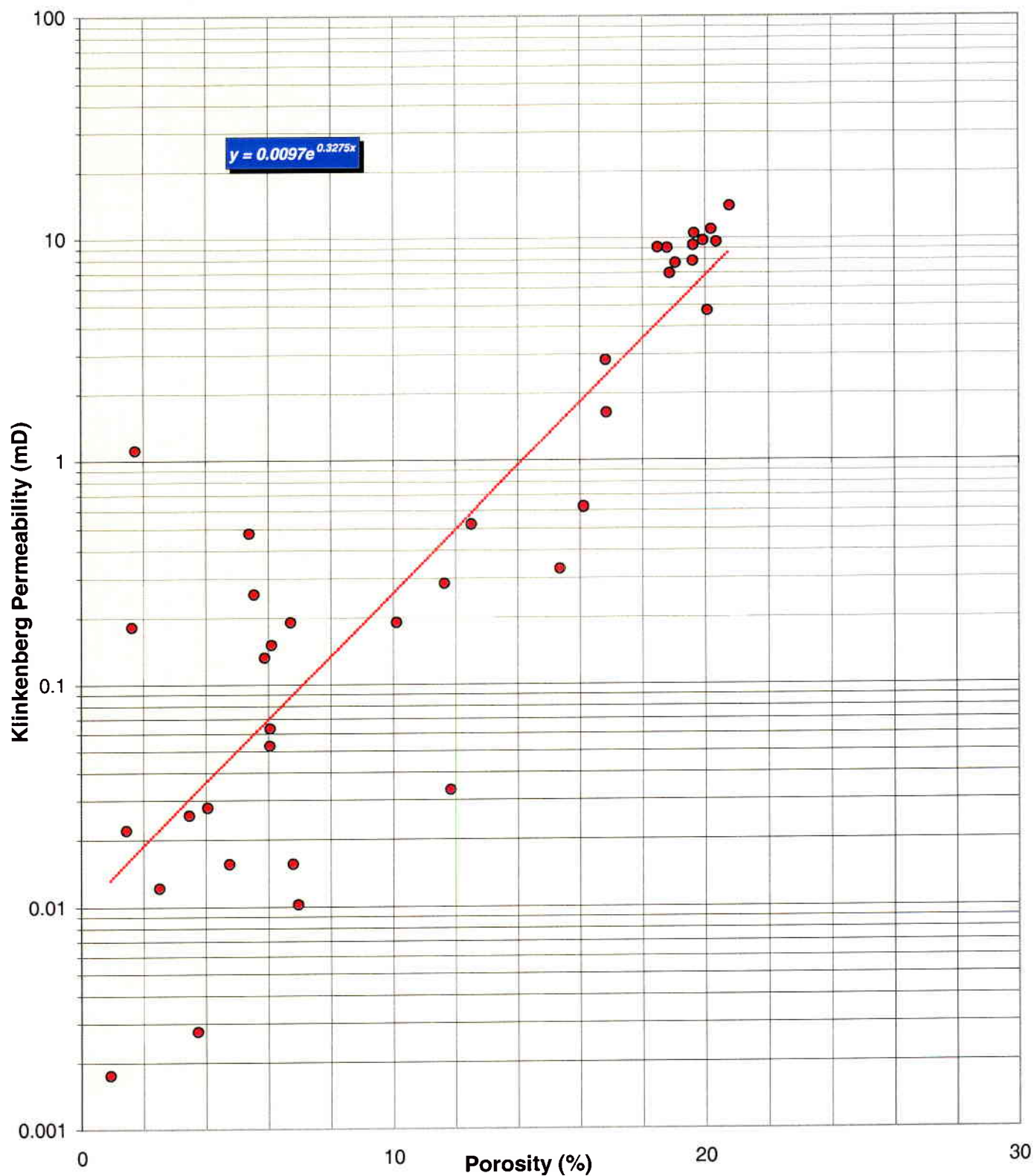


Figure 1

(Klink. K / Porosity)^{0.5} vs Water Saturation
1800 psi NCS

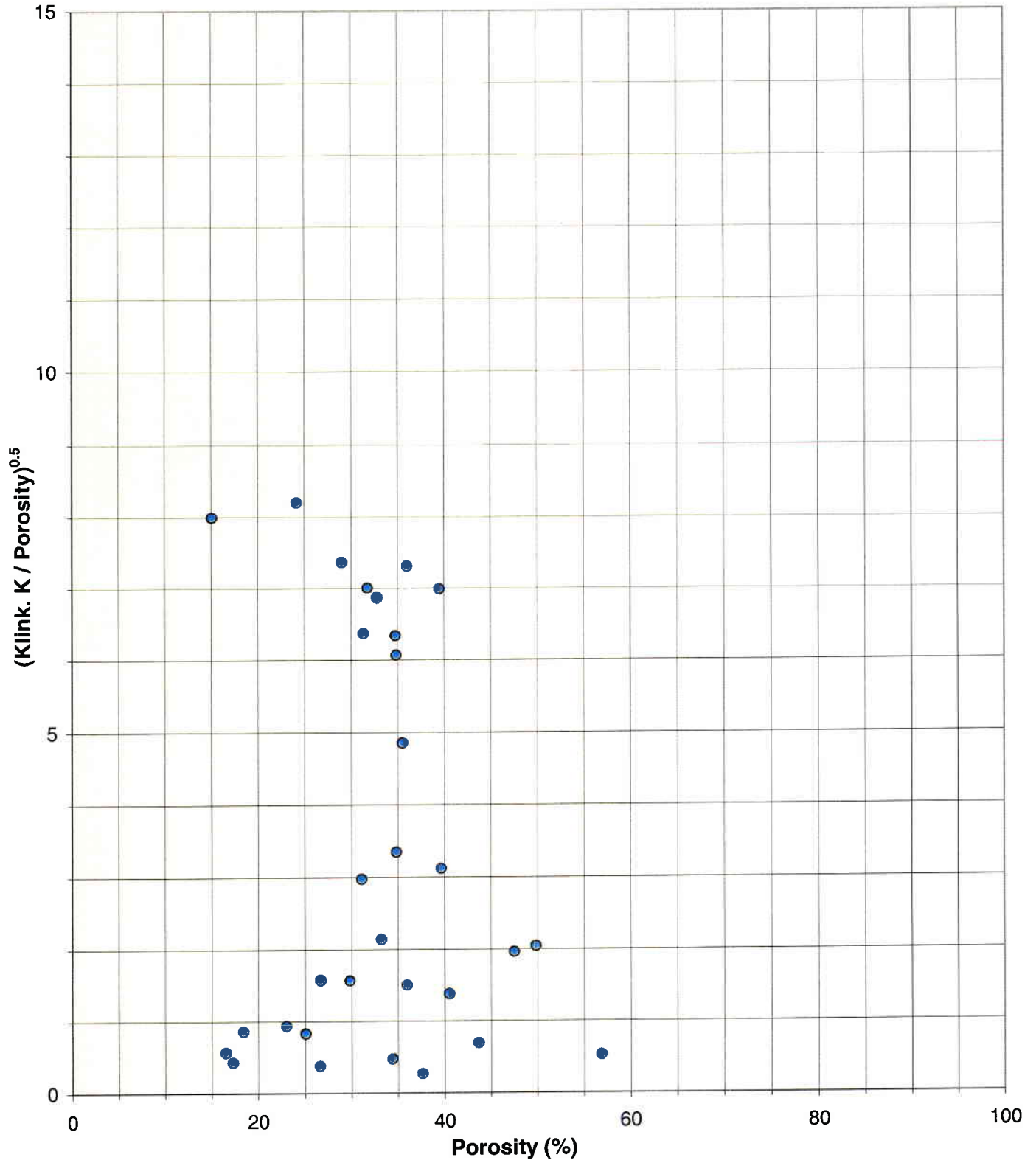


Figure 2



CORE GAMMA

Scale : 1 : 200'

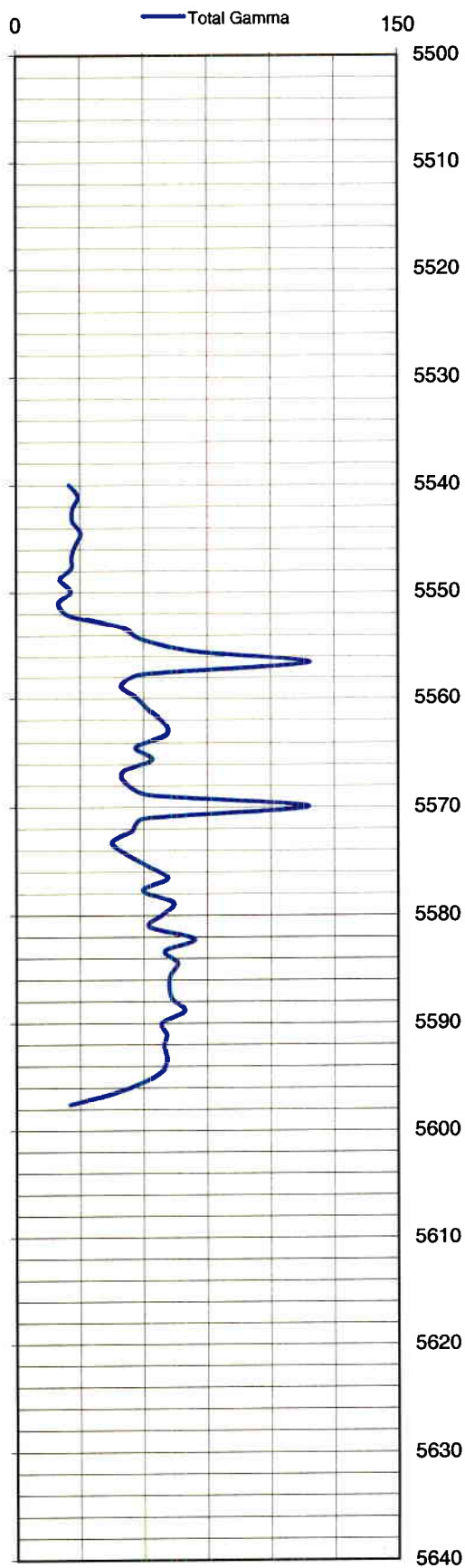


Figure 3

CORE ANALYSIS DATA

Scale : 1 : 200

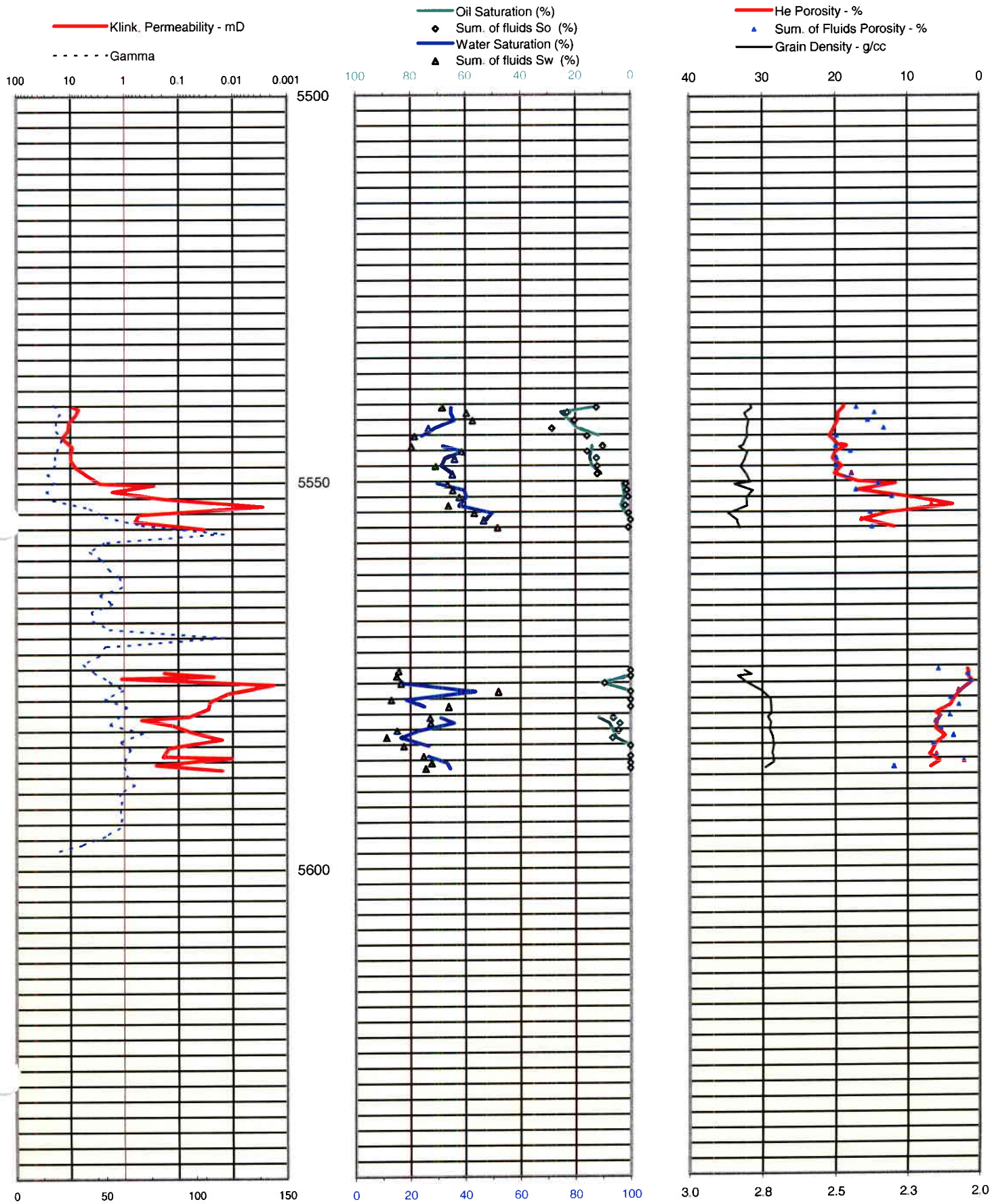


Figure 4



Samedan Oil Corporation
Bonito 41 - 6 - 85
San Juan County
Utah
Horizontal Samples - 1800 PSI NCS

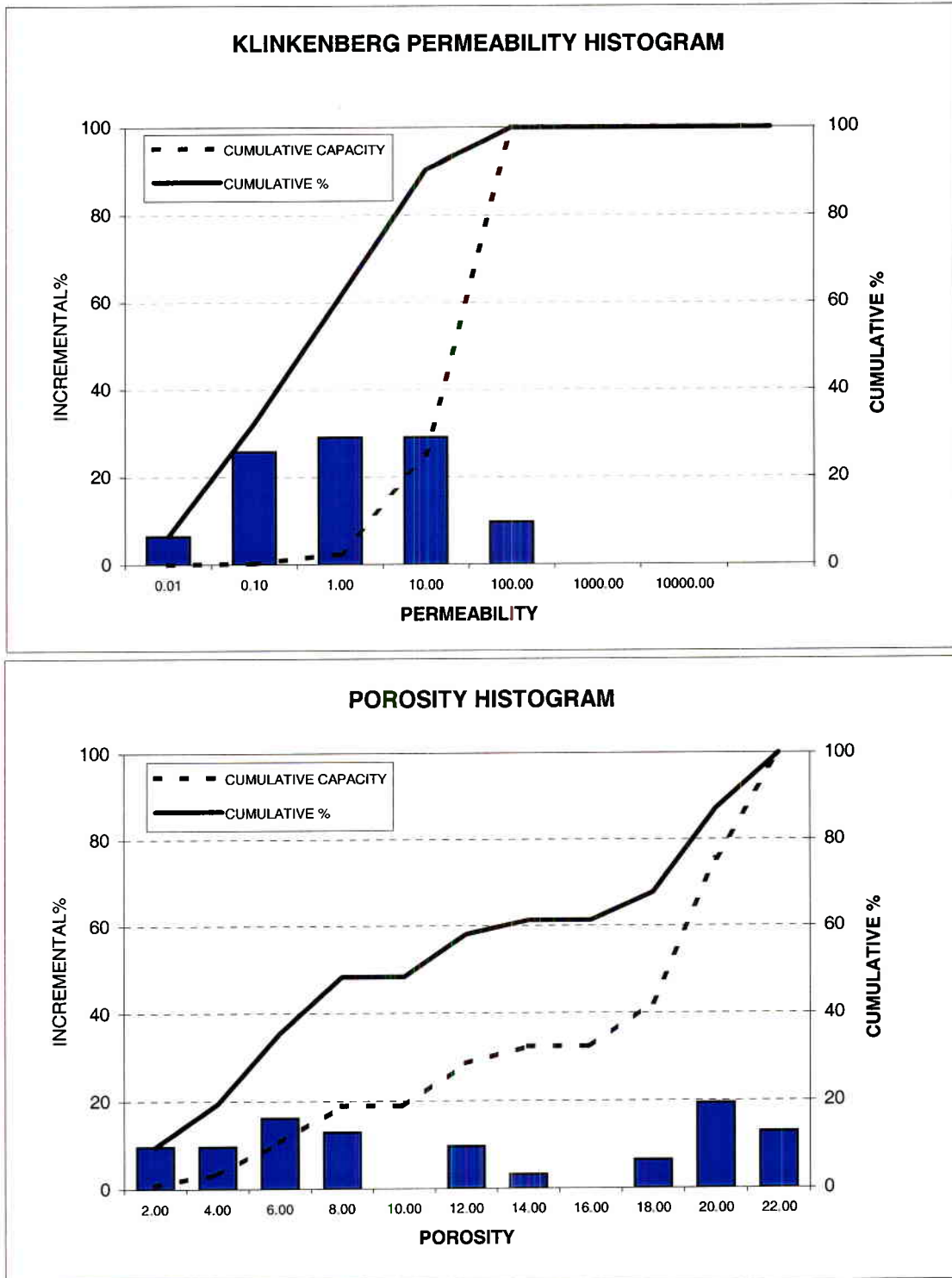
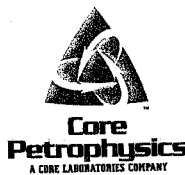


Figure 5



Appendix A



APPENDIX A: EXPLANATION OF CMS-300 TERMS "b", "Beta, and "Alpha"

K_{∞}	=	Equivalent non-reactive liquid permeability, corrected for gas slippage, md
K_{air}	=	Permeability to Air, calculated using K_{∞} and b, md
b	=	Klinkenberg slip factor, psi
β (Beta)	=	Forcheimer inertial resistance factor, ft^{-1}
α (Alpha)	=	A factor equal to the product of Beta and K_{∞} , in microns. This factor is employed in determining the pore level heterogeneity index, H_1 .

$$H_1 = \log_{10} \alpha \phi / RQI$$

$$\alpha = 3.238e^{-9} \beta K_{\infty}$$

For further information please refer to:

Jones, S.C.: "Two-Point Determination of Permeability and PV vs. Net Confining Stress" SPE Formation Evaluation (March 1988) 235-241.

Jones S.C.: "A Rapid Accurate Unsteady-State Klinkenberg Permeameter," Soc. Pet. Eng. J. (Oct. 1972) 383-397.

Jones, S.C.: "Using the Inertial Coefficient, β , To Characterize Heterogeneity in Reservoir Rock: SPE 16949 (September 1987).

Amaefule, J.O.; Kersey, D.G.; Marschall, D.M.; Powell, J.D.; Valencia, L.E.; Keelan, D.K.: "Reservoir Description: A Partial Synergistic Engineering and Geological Approach Based on Analysis of Core Data," SPE Technical Conference (Oct. 1988) SPE 18167.



Appendix B



APPENDIX B: REPORT DISTRIBUTION

CORE LABORATORIES LP FILE NO. HOU-020657

Samedan Oil Corporation
Bonito 41-6-85
San Juan County, Utah

FINAL REPORT

6 Copies to:

Samedan Oil Corporation
12600 Northborough
Houston, TX 77067

Attn: Mr. Brian Crooks

2 Copies to:

BLM
82 East Dogwood
Moab, UT 84532

Attn: Mr. Eric Jones

2 Copies to:

Utah DOGM
1594 W. Temple, Suite 1210
Salt Lake City, UT 84114-5801

Attn: Ms Carol Daniels

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. BONITO 41-6-85
2. Name of Operator SAMEDAN OIL CORPORATION Contact: JANIS VERCHER E-Mail: jvercher@nobleenergyinc.com		9. API Well No. 43-037-31824
3a. Address 12600 NORTHBOROUGH, SUITE 250 HOUSTON, TX 77067	3b. Phone No. (include area code) Ph: 281.872.2505 Fx: 282.872.2503	10. Field and Pool, or Exploratory PATTERSON CANYON
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T38S R25E NENE 880FNL 940FEL		11. County or Parish, and State SAN JUAN COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Venting and/or Flaring
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bonito 41-6-85 started production in August 2002. The gas produced has been either used on the lease or vented, following please find volumes for the gas vented for August 2002 & September 2002.


Aug. 2002 - Oil Produced: 341Bbbls, Gas Vented: 752MCF
Sept. 2002 - Oil Produced: 101Bbbls, Gas Vented: 788MCF

cc: The State of Utah (UDOGM)

RECEIVED

NOV 12 2002

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #15934 verified by the BLM Well Information System For SAMEDAN OIL CORPORATION, sent to the Moab	
Name (Printed/Typed) JANIS VERCHER	Title REPORT PREPARER
Signature  (Electronic Submission)	Date 11/08/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Delaware

PAGE 1

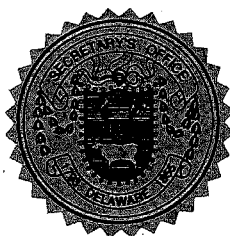
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"SAMEDAN OIL CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "NOBLE ENERGY, INC." UNDER THE NAME OF "NOBLE ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2002, AT 4 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

0738126 8100M

AUTHENTICATION: 2171416

020798841

DATE: 12-26-02

CERTIFICATE OF OWNERSHIP AND MERGER

of

SAMEDAN OIL CORPORATION
(a Delaware corporation)

with and into

NOBLE ENERGY, INC.
(a Delaware corporation)

(UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE)
=====

NOBLE ENERGY, INC., a Delaware corporation, hereby certifies that:

(1) The name and state of incorporation or formation of each of the constituent corporations are:

- and
- (a) Samedan Oil Corporation, a Delaware corporation ("Samedan");
 - (b) Noble Energy, Inc., a Delaware corporation ("Noble").

(2) Noble owns 100% of the issued and outstanding shares of the capital stock of Samedan.

(3) Noble shall be the surviving entity in the merger.

(4) Pursuant to Section 253 of the General Corporation Law of the State of Delaware, the Board of Directors of Noble adopted resolutions, by unanimous written consent, authorizing the merger of Samedan with and into Noble. A copy of such resolutions, adopted by the Board of Directors of Noble as of December 10, 2002, is attached hereto as Exhibit A.

(5) The Certificate of Incorporation of Noble shall be the Certificate of Incorporation of the surviving corporation.

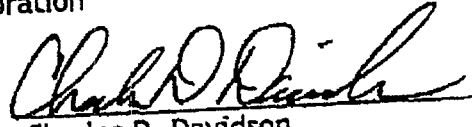
(6) The effective date of the merger shall be as of 11:59 p.m. EST, on December 31, 2002.

(7) Anything herein or elsewhere to the contrary notwithstanding, this merger may be abandoned by the Board of Directors of Noble at any time prior to the date of filing the merger with the Secretary of State.

IN WITNESS WHEREOF, Noble has caused this certificate to be signed by the undersigned on the 17th day of December, 2002.

NOBLE ENERGY, INC., the surviving corporation

By:



Charles D. Davidson
President

060132 001224 HOUSTON 236763.2

NO. 777

THOMPSON & KNIGHT

DEC. 20. 2002 11:59AM

TOTAL P.03

EXHIBIT A**Relating to the Merger of Samedan Oil Corporation with and into Noble Energy, Inc.**

WHEREAS, Samedan Oil Corporation, a Delaware corporation ("Samedan"), is a wholly-owned, direct subsidiary of Noble Energy, Inc., a Delaware corporation ("Noble"); and

WHEREAS, the Board of Directors of Noble (the "Board") has determined, in its best business judgment, that it would be in the best interest of Noble to merge Samedan with and into Noble (the "Merger"); and

WHEREAS, Noble would be the surviving entity in the Merger; and

WHEREAS, for federal income tax purposes, the parties intend that the Merger qualify as a reorganization within the meaning of Section 368(a) of the Internal Revenue Code of 1986, as amended (the "Code"), and/or as a tax-free liquidation under Section 332 of the Code;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Noble hereby approves the Merger; and further

RESOLVED, that Samedan shall be merged with and into Noble pursuant to the provisions of Section 253 of the Delaware General Corporation Law (the "DGCL"), and Noble shall be the surviving entity of the Merger; and further

RESOLVED, that in accordance with the DGCL, at midnight on December 31, 2002 (the "Effective Time"):

- (a) the separate existence of Samedan shall cease;
- (b) Noble and Samedan shall then and thereafter together comprise a single entity, which shall be Noble;
- (c) title to all real estate and other property and rights owned by Samedan shall be deemed to be owned by, and vested in, Noble without reversion or impairment; and
- (d) Noble shall assume all liabilities and obligations of Samedan; and further

RESOLVED, that at the Effective Time, each issued and outstanding share of the common stock, par value \$10.00 per share, of Samedan shall, by virtue of the Merger, be immediately cancelled and retired with no consideration to be paid therefor and all certificates representing such interests shall be cancelled; and further

RESOLVED, that after the Effective Time, each outstanding share of the common stock, par value \$3.333 per share, of Noble shall remain issued and outstanding; and further

RESOLVED, that the Board of Directors of Noble will serve as the Board of Directors of the surviving entity, and the Bylaws and Certificate of Incorporation of Noble shall serve as the Bylaws and Certificate of Incorporation of the surviving entity; and further

RESOLVED, that the proper officers of Noble are hereby authorized and empowered to take or cause to be taken all such further lawful action and to sign, execute, acknowledge, certify, deliver, accept, record and file all such further instruments in the name and on behalf of Noble as in their judgment shall be necessary, desirable or advisable in order to carry out the intent, and to accomplish the purposes, of the foregoing resolutions pursuant to the applicable provisions of the DGCL; and further

RESOLVED, that all lawful actions heretofore taken by the officers, counsel or representatives of Noble in connection with the subject of the foregoing resolutions be, and each hereby is, approved, ratified and confirmed in all respects as the act and deed of Noble.

060132 003224 HOUSTON 236763.2

NO. 779

THOMSON & KNIGHT

DEC 20 2002 12:00PM
TOTAL P.04

CT CORPORATION

January 8, 2003

Colleen McFadden
Thompson & Knight
333 Clay Street, Suite 3300
Houston TX 77002-4499

Re: Order #: 5762125 SO
Customer Reference 1: 060132.003224
Customer Reference 2:

Dear Colleen McFadden:

In response to your request regarding the above referenced order, your filing(s) has been completed as indicated below:

Noble Energy, Inc. (DE)
Qualification
Utah
Filing Date:

Fax #832-397-8109

If you have any questions concerning this order, please contact:

Jayna C Nickell
Houston Corporate Team 2
Phone: (713) 759-0729
Email: Jayna_Nickell@cch-lis.com

Thank you for this opportunity to be of service.

50 West Broadway, 8th Floor
Salt Lake City, UT 84101
Tel. 801 364 5101
Fax 801 359 0388

A CCH LEGAL INFORMATION SERVICES COMPANY

CT CORPORATION

Sincerely, **Ms. Deanette Widmer**
Special Assistant
Secretary

Utah CT Representative 2
C T Corporation System (Utah)

50 West Broadway, 8th Floor
Salt Lake City, UT 84101
Tel. 801 364 5101
Fax 801 359 0388

A CCH LEGAL INFORMATION SERVICES COMPANY



State of Utah
DEPARTMENT OF COMMERCE
Division of Corporations & Commercial Code

File Number: _____

Check Here If	Non-Refundable Fee
<input type="checkbox"/> Profit	\$50.00
<input type="checkbox"/> Nonprofit	\$20.00

\$125.00
EXPEDITE

Application for Authority to Conduct Affairs for a Foreign Corporation

Noble Energy, Inc.
Exact Corporate Name

RECEIVED

JAN 07 2003

Utah Div. of Corp. & Comm. Code

1. A corporation of the state of Delaware, incorporated 29 day of December 1969 (year)
2. The corporation's period of duration is perpetual (usually perpetual).
3. The address of the corporation's principal office is:
350 Glenborough Drive, Suite 100 Houston Texas 77067
Street Address City State Zip
4. The Registered Agent in Utah is: C T Corporation System Bank One Tower, 8th Floor
The street address of the registered office in Utah is: 50 West Broadway Salt Lake City, Utah 84101
Street Address City State Zip
5. C T Corporation System agree to serve as a registered agent for the above-mentioned foreign corporation.
Signature of Registered Agent (Required) see above Howard I. Velt, Asst. Secretary
The business purposes to be pursued in Utah are: Oil and Gas Company
6. The corporation commenced or intends to commence business in Utah on: December 31, 2002
7. The names and addresses of the corporation's officers and directors are:
Name Address City State Zip
President See Attached
Vice-President _____
Secretary _____
Treasurer _____
Director _____
Director _____
Director _____
8. A certification of Good Standing/Existence from the State of Incorporation dated no earlier than ninety (90) days prior to filing with this office is attached to this application.
9. If the name is not available in Utah the corporation shall use _____
(Please refer to (U.C.A. 16-10a-1506).)

Under penalties of perjury, I declare that this application for Certificate of Authority has been examined by me and is, to the best of my knowledge and belief, true, correct and complete.

BY: Robert D. Hays TITLE: Senior VP and Secretary DATE: 12/23/02
Corporate Officer

FREE! You may visit our Web Site to access this document and other information.

Mail In: S.M. Box 146705
Salt Lake City, UT 84114-6705
Walk In: 160 East 300 South, Main Floor
Corporation's Information Center: (801) 530-4849
Toll Free Number: (877) 526-3994 (Utah Residents)
Fax: (801) 530-6438
Web Site: <http://www.commerce.utah.gov>

Date: 01/07/2003
Receipt Number: 762634
Amount Paid: \$450.00

common/facsim/corp/corauth
Revised: 02-21-01 me

01-07-03P02:32 RCVD

NO. 453 P. 13

JAN 7 2003 11:10AM THOMPSON & KNIGHT

**ATTACHMENT TO APPLICATION FOR AUTHORITY TO CONDUCT
AFFAIRS FOR A FOREIGN CORPORATION IN UTAH FOR
NOBLE ENERGY, INC.**

7. The names and addresses of the corporation's officers and directors are:

Name	Office/Title	Mailing Address
Michael A. Cawley	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Edward F. Cox	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
James C. Day	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Charles D. Davidson	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Dale P. Jones	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Bruce A. Smith	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kirby L. Hedrick	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Charles D. Davidson	Chairman of the Board, President and CEO	350 Glenborough Drive, Suite 100 Houston, TX 77067
Susan M. Cunningham	Senior VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Albert D. Hoppe	Senior VP and Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
James L. McElvany	Senior VP, CFO and Treasurer	350 Glenborough Drive, Suite 100 Houston, TX 77067
William A. Poillion, Jr.	Senior VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Robert K. Burleson	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067

060132 003224 HOUSTON 239703.1

41 2 653 NO. 453

THOMPSON & KNIGHT

JAN. 7. 2003 11:10AM

Name	Office/Title	Mailing Address
Alan R. Bullington	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Richard A. Poneguy, Jr.	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Ted A. Price	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
David L. Stover	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kenneth P. Wiley	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Arnold J. Johnson	Assistant Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kirk A. Moore	Assistant Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
William R. McKown	Assistant Treasurer	350 Glenborough Drive, Suite 100 Houston, TX 77067

060132 003224 HOUSTON 239703.1

NO 453 P. 15

THOMPSON & KNIGHT

JAN. 7. 2003 11:10AM

Delaware

PAGE 1

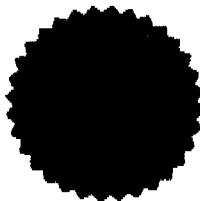
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "NOBLE ENERGY, INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE SIXTH DAY OF JANUARY, A.D. 2003.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "NOBLE ENERGY, INC." WAS INCORPORATED ON THE TWENTY-NINTH DAY OF DECEMBER, A.D. 1969.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE BEEN FILED TO DATE.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0738126 8300

030006092

AUTHENTICATION: 2186055

DATE: 01-06-03

STATE OF UTAH DEPARTMENT OF COMMERCE REGISTRATION NOBLE ENERGY, INC. EFFECTIVE 01/07/2003 EXPIRATION *RENEWAL	REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S) Corporation - Foreign - Profit 5250317-0143
--	---

CT CORPORATION SYSTEM
NOBLE ENERGY, INC.
50 W BROADWAY 8TH FL
SLC UT 84101-2006

STATE OF UTAH
DEPARTMENT OF COMMERCE
DIVISION OF CORPORATIONS & COMMERCIAL CODE
REGISTRATION

EFFECTIVE DATE: 01/07/2003
EXPIRATION DATE: *RENEWAL
ISSUED TO: NOBLE ENERGY, INC.



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

5250317-0143 Corporation - Foreign - Profit

*RENEWAL

You will need to renew your registration each anniversary date of the effective date.
Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.



United States Department of the Interior

Bureau of Land Management

New Mexico State Office

1474 Rodeo Road

P.O. Box 27115

Santa Fe, New Mexico 87502-0115

www.nm.blm.gov

January 14, 2003

IN REPLY REFER TO:

3104 (NM930MSena)

NM 0484

DECISION

Principal:

Noble Energy, Inc.

350 Glenborough Dr., #100

Houston, TX 77067-3299

Surety:

Safeco Insurance Company

of America

Safeco Plaza

Seattle, WA 98185

:
: BLM Bond No.: NM 0484
:
: Surety Bond No.: 4149383
:
: Bond Type: Oil and Gas
:
: Amount of Bond: \$150,000.00
:
: Execution Date: October 7, 1980
:

Merger Recognized

Rider Accepted

On January 10, 2003, this office received evidence concerning the merger of Samedan Oil Corporation, a Delaware corporation, into **Noble Energy, Inc.**, a Delaware corporation, effective December 20, 2002,, the date the Secretary of State of the State of Delaware certified the merger.

A bond rider consents to change the principal from Samedan Oil Corporation to Noble Energy, Inc. It is accepted effective January 10, 2003, the date received.

Attached is a listing of leases obtained from our automated system. We have not abstracted the files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining neither record title nor operating rights interests. If our field offices require documentation for a change of operator, they will contact you.

BM bond number NM2585, issued by Safeco Insurance Company of America, number 5779477, is released.

BLM bond number NM2697 issued by Safeco Insurance Company of America, number 5895053, is released.

BLM bond number NM1483 issued by American Employers Insurance Company, unnumbered, is released.

The Bureau of Land Management has no record of bond number 5895055, 5779460 or 2063849. Therefore, we are unable to release these bonds.

Margo C. Sena
Land Law Examiner

Cc: American Employers Insurance Co.
All BLM State Offices
MMS – Data Management Div. MS 3113
P. O. Box 5860
Denver, Co 80217

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: NOBLE ENERGY, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 12600 Northborough CITY Houston STATE TX ZIP 77067		7. UNIT or CA AGREEMENT NAME: SEE ATTACHED
PHONE NUMBER: 281-876-6150		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED LIST		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
		COUNTY: San Juan
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

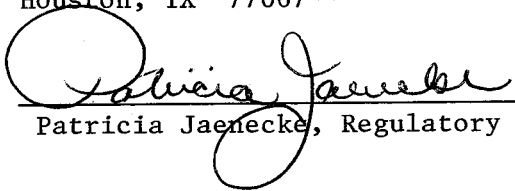
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATORY CHANGE EFFECTIVE JANUARY 1, 2003

FROM: SAMEDAN OIL CORPORATION

12600 Northborough, #250

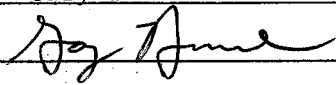
Houston, TX 77067


Patricia Jaenecke, Regulatory Clerk II

RECEIVED

FEB 14 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Gary Brune	TITLE Asset Team Leader
SIGNATURE 	DATE 12/16/02

(This space for State use only)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3106
(UT-924)

March 20, 2003

Memorandum

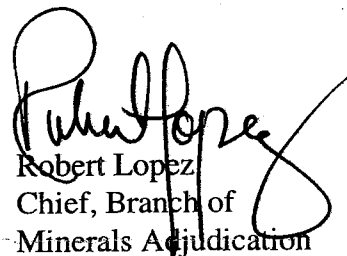
To: Moab Field Office

From: Chief, Branch of Minerals Adjudication

Subject: Merger Change Approval

Attached is an approved copy of the merger change, which is recognized by the Utah State Office. We have updated our records to reflect:

The merger change from Samedan Oil Corporation into Noble Energy Inc. is effective January 10, 2003. The BLM Bond Number is NM0484.


Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure

1. New Mexico State Office Letter (3 pp)
2. List of leases (1 p)

cc: MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING

Exhibit of Leases

UTU-02458

UTU-019222

UTU-025187

UTU-14236

UTU-20024

UTU-20895

UTU-23352

UTU-23521

UTU-39243

UTU-40355

UTU-43777

UTU-46818

UTU-51415

UTU-72646

UTU-75897

UTU-79632

UTU-79827

UTU-79828

UTU-79829

UTU-79830

UTU-60841 A/X

UTU-63081 O/X



United States Department of the Interior

Bureau of Land Management

New Mexico State Office

1474 Rodeo Road

P.O. Box 27115

Santa Fe, New Mexico 87502-0115

www.nm.blm.gov

January 14, 2003

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO:

3104 (NM930MSena)

NM 0484

NMLC 0 45701

DECISION

Principal:

Noble Energy, Inc.

350 Glenborough Dr., #100

Houston, TX 77067-3299

: BLM Bond No.: NM 0484

: Surety Bond No.: 4149383

: Bond Type: Oil and Gas

Surety:

Safeco Insurance Company

of America

Safeco Plaza

Seattle, WA 98185

: Amount of Bond: \$150,000.00

: Execution Date: October 7, 1980

Merger Recognized

Rider Accepted

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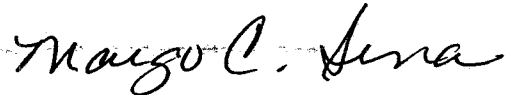
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Margo C. Sena
Land Law Examiner

Cc: American Employers Insurance Co.
All BLM State Offices
MMS – Data Management Div. MS 3113
P. O. Box 5860
Denver, Co 80217

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"SAMEDAN OIL CORPORATION", A DELAWARE CORPORATION,

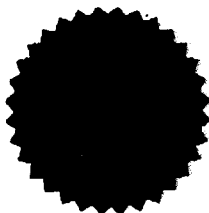
WITH AND INTO "NOBLE ENERGY, INC." UNDER THE NAME OF "NOBLE ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2002, AT 4 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0738126 8100M

AUTHENTICATION: 2171147

020798832

DATE: 12-26-02

5. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 03/20/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/28/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/28/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: NM 0484

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
SEE ATTACHED

8. WELL NAME and NUMBER:
SEE ATTACHED

9. API NUMBER:
ATTACHED

10. FIELD AND POOL, OR WILDCAT:
SEE ATTACHED

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
D. J. Simmons, Inc. N2520

3. ADDRESS OF OPERATOR:
1009 Ridgeway Pl. Ste. 200 Farmington, NM 87401

PHONE NUMBER:
505-326-3753

4. LOCATION OF WELL
FOOTAGES AT SURFACE: SEE ATTACHED LIST 2092

COUNTY: SAN JUAN

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CHANGE OF OPERATOR

EFFECTIVE DATE OF TRANSFER: 8/1/03

FROM: NOBLE ENERGY, INC.
12600 Northborough, Suite 250
Houston, TX 77067
(281) 872-3100

TO: D. J. Simmons, Inc.
1009 Ridgeway Pl. Ste. 200
Farmington, NM 87401

NAME (PLEASE PRINT) Gary C. Goldsmith

TITLE Attorney In Fact

SIGNATURE [Signature]

DATE 7/14/03

(This space for State use only)

RECEIVED

AUG 14 2003 1850-59

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
NOBLE ENERGY, INC. (Former Operator) N2345

3. ADDRESS OF OPERATOR:
12600 Northborough CITY Houston STATE TX ZIP 77067 PHONE NUMBER: (281) 876-6150

4. LOCATION OF WELL
FOOTAGES AT SURFACE: SEE ATTACHED LIST

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CHANGE OF OPERATOR

EFFECTIVE DATE OF TRANSFER: 8/1/03

FROM: NOBLE ENERGY, INC.
12600 Northborough, Suite 250
Houston, TX 77067
(281) 872-3100

TO: D. J. Simmons, Inc.
1009 Ridgeway Pl. Ste. 200
Farmington, NM 87401

RECEIVED

AUG 14 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Gary Brune TITLE Asset Team Leader
SIGNATURE [Signature] DATE 6/13/03

(This space for State use only)

185c-59

<u>WELL NAME</u>	<u>API NUMBER</u>	<u>LOCATION</u>	<u>WELL TYPE</u>	<u>STATUS</u>	<u>LEASE TYPE</u>
MUSTANG UNIT 26-33	4303731086	36S 23E 26	OW	S	F
MUSTANG U 1	4303730776	36S 23E 27	GW	P	F
MUSTANG UNIT 3	4303730894	36S 23E 26	GW	P	F
MUSTANG UNIT 22-34	4303730943	36S 23E 22	OW	P	F
MUSTANG UNIT 26-23	4303731024	36S 23E 26	OW	P	F
MUSTANG UNIT 27-32	4303731025	36S 23E 27	OW	P	F
MUSTANG UNIT 27-21	4303731030	36S 23E 27	OW	P	F
MUSTANG UNIT 27-42	4303731325	36S 23E 27	OW	P	F
WILD STALLION UNIT 1	4303731426	36S 23E 33	GW	P	F
MUSTANG U 1	4303730776	36S 23E 27	GW	S	F
BONITO 41-6-85	4303731824	38S 25E 06	OW	P	F

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

020

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

8/1/2003

FROM: (Old Operator):N2345 - Noble Energy, Inc.
12600 Northborough
Houston, TX 77067

Phone: 1-(281) 876-6150

TO: (New Operator):N2520-D. J. Simmons, Inc.
1009 Ridgeway Pl. Ste. 200
Farmington, NM 87401

Phone: 1-(505) 326-3752

CA No.

Unit:

*** See BELOW***

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
------	-----	-----	-----	--------	-----------	------------	-----------	-------------

MUSTANG UNIT

MUSTANG U 1	27	360S	230E	4303730776	12112	Federal	GW	P
MUSTANG UNIT 27-21	27	360S	230E	4303731030	10774	Federal	OW	P
MUSTANG UNIT 26-23	26	360S	230E	4303731024	10774	Federal	OW	P
MUSTANG UNIT 26-33	26	360S	230E	4303731086	6505	Federal	OW	S
MUSTANG UNIT 27-42	27	360S	230E	4303731325	10774	Federal	OW	P
MUSTANG UNIT 27-32	27	360S	230E	4303731025	10774	Federal	OW	S
MUSTANG UNIT 3	26	360S	230E	4303730894	10774	Federal	GW	P
MUSTANG UNIT 22-34	22	360S	230E	4303730943	10774	Federal	OW	P

WILD STALLION UNIT

WILD STALLION UNIT 1	33	360S	230E	4303731426	10888	Federal	GW	P
----------------------	----	------	------	------------	-------	---------	----	---

BONITO 41-6-85	06	360S	250E	4303731824	13517	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/14/20032. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/14/20033. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/30/20034. Is the new operator registered in the State of Utah: YES Business Number: 1231074-0143

5. If NO, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: ****

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM applied for BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: applied for

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 12/31/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/31/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000048

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

021

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED FORM APPROVED
OMB No. 1010-0137
MOAB FIELD OFFICE
DATE: March 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

2004 MAY 6

UTU 79828
If Indian, Allocated or Tribe Name
MAY 10 9:17

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **D. J. Simmons, Inc.** *DJ Simmons Company LP*3a. Address
1009 Ridgeway Pl., Farmington, New Mexico 874013b. Phone No. (include area code)
505 326-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE NE 880 FNL, 940 FEL, Sec 6, T38S, R25E

8. Well Name and No.
Bonito 41-6-85 (Lease # 13251)9. API Well No.
43-037-3182410. Field and Pool, or Exploratory Area
Patterson Canyon11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change of Operator
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

*DJ Simmons Company LP * SEE ATTACHED NOTE*
Please be advised that effective October 1, 2003 **D. J. Simmons, Inc.** is now considered to be the operator of the Bonito 41-6-85 Well; NE NE of Section 6, Township 38 South Range 25 East, San Juan County, Utah and is now responsible under the terms and conditions of the Lease for the operations conducted upon the leased lands coverage is provided by the Bank of Oklahoma N.A. Bond Instrument: Letter of Credit No. BOK02SDF00672, Bond No. UTB 000048

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Robert R. Griffiee

Title Operations Manager

Signature

Date

4/27/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

ACCEPTED

Division of Resources

Date

MAY 10 2004

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Moab Field Office

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

cc: UDOGM shd

Conditions Attached

MAY 24 2004

DIV. OF OIL AND GAS

DJ Simmons Company LP
Lease UTU23352, Well No. Mustang 26-33
Sec. 26, T 36 S, R 23 E
Lease UTU79828, Well No. 41-6-85
Sec. 6, T 38 S, R 25 E
San Juan County, Utah

NOTE: Be advised that the recognized operator will be DJ Simmons Company LP, the only company name listed on the approved BLM Bond UTB000048. Please also note that in order to avoid delays in processing, any future sundry notices should be submitted to the BLM Moab Field Office, 82 East Dogwood, Moab, Utah 84532.

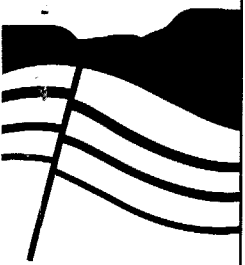
CONDITIONS OF ACCEPTANCE

Acceptance of these applications does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject leases which would entitle the applicant to conduct operations thereon.

Be advised that DJ Simmons Company LP is considered to be the operator of the above wells effective October 1, 2003, and is responsible under the terms and conditions of the leases for the operations conducted on the leased lands.

Bond coverage for these wells is provided by UTB000048 (Principal – DJ Simmons Company LP) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.



DJ SIMMONS, INC.

1009 Ridgeway Place
Suite 200
Farmington,
New Mexico 87401

505-326-3753
505-327-4659 FAX
info@djsimmonsinc.com
www.djsimmonsinc.com

April 28, 2004

United States Department of the Interior
Bureau of Land Management
435 North Main, P.O. Box 7
Monticello, Utah 84535

RE: Change of Operator Forms for the Following Wells:
Mustang 26-33
Bonito #41-6-85
San Juan County, Utah

Eric Jones

Enclosed are the Sundry forms mentioned above regarding change of operator for
Bonito 41-6-85 and the Mustang 26-33 wells.

Thank you for your time and effort.

Sincerely,

Craig D. Starkey
Program/ Land Coordinator

Enclosures:

RECEIVED
SAN JUAN RESOURCE AREA

04 MAY -4 AM 9:14

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

RECEIVED
MOAB FIELD OFFICE

2004 MAY -6 P 1:41

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

MOAB FIELD OFFICE	
X	INIT/DATE
	FO Manager
	Res. Advis.
	AFM Resources
	Recreation
	AFM Sup Serv
	Bus Prac
	Ops
	AFM Fire
	Action
	Info
	Discuss

RECEIVED

MAY 24 2004

DEPT OF THE INTERIOR

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

022

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79828
2. NAME OF OPERATOR: DJ Simmons, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1009 Ridgeway Pl. CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 326-3753		8. WELL NAME and NUMBER: Bonito 41-6-85
4. LOCATION OF WELL FOOTAGES AT SURFACE: 880' FNL x 940' FEL, Section 6, T38S, R25E QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 6 38S 25E		9. API NUMBER: 43-037-31824
		10. FIELD AND POOL, OR WILDCAT: Patterson Canyon
		COUNTY: San Juan
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

D.J. Simmons, Inc. plans to set a bridge plug above the existing Ismay perforations, and recompleat in the Hatch and Honaker Trail formations in the subject well. The proposed workover plan and well bore schematic are attached. Workover operations are scheduled to begin 10/06/04.

COPY SENT TO OPERATOR
Date: 10-5-04
Initials: LHO

NAME (PLEASE PRINT) Robert R. Griffie TITLE Operations Manager
SIGNATURE [Signature] DATE 9/15/2004

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

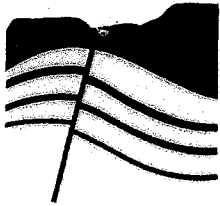
Federal Approval Of This
Action Is Necessary

Date: 10/4/04
By: [Signature]
(See Instructions on Reverse Side)

RECEIVED

SEP 21 2004

DIV. OF OIL, GAS & MINING



DJ SIMMONS, INC.

1009 Ridgeway Place
Suite 200
Farmington,
New Mexico 87401

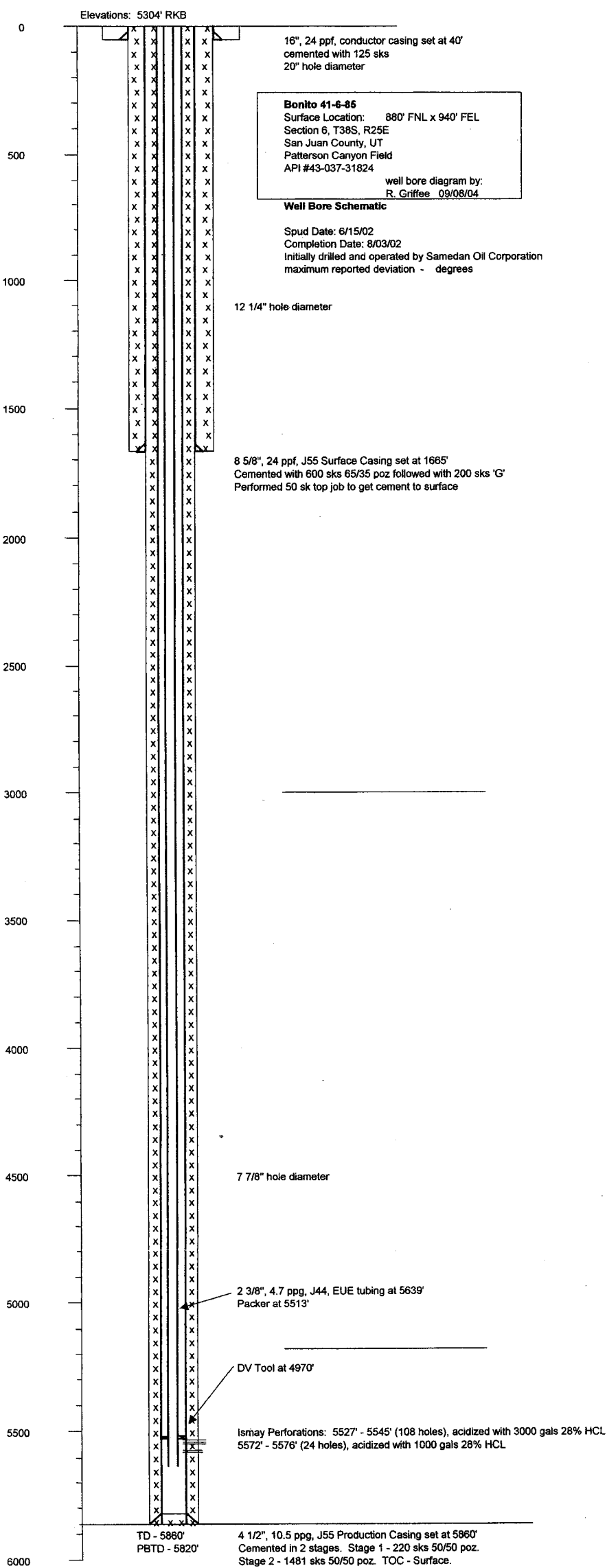
505-326-3753
505-327-4659 FAX
info@djsimmonsinc.com
www.djsimmonsinc.com

Date: 9/14/2004

Bonito 41-6-85
Hatch and Honaker Trail Limestone Pay Add

See Well Bore Schematic

1. Check and test rig anchors. Set test tank.
2. MIRU DJS Rig 111.
3. ND well head, NU BOPE.
4. POOH with 2 3/8" tubing. Visually inspect tubing and replace as necessary. If significant amounts of scale are observed, either pickle the tubing with HCL acid, or change out the tubing string.
5. PU casing scraper and round trip to PBTD.
6. Set wireline set CIBP at 5400'.
7. Pressure test casing under blind rams to 500 psi.
8. TIH with tubing, open ended, to 5310'.
9. Spot 250 gals 7 1/2% HCL.
10. TOH.
11. Perforate with 4 jsfp as follows: 5304' – 5310', 5208' – 5220', 5150' – 5162'.
12. PU packer/bridge plug combination. TIH and isolate perforations 5310' – 5304' between packer and bridge plug. Acidize with 1200 gals 20% HCL as per Schlumberger procedure.
13. Isolate perforations 5220' – 5208' between packer and bridge plug. Acidize with 2400 gals 20% HCL as per Schlumberger procedure.
14. Isolate perforations 5162' – 5150' between packer and bridge plug. Acidize with 2400 gals 20% HCL as per Schlumberger procedure.
15. Retrieve bridge plug and TOH with packer and plug. Lay down packer and bridge plug.
16. TIH with tubing and SN one joint from bottom. Land tubing at 5310'.
17. Flow well back, swab if needed, and clean up.
18. Flow well back and test.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

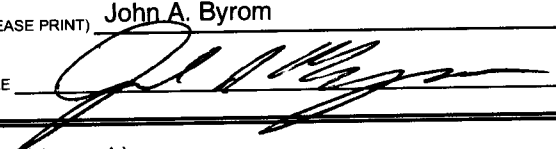
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79828
2. NAME OF OPERATOR: DJ Simmons, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1009 Ridgeway Pl. CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 326-3753		8. WELL NAME and NUMBER: Bonito 41-6-85
4. LOCATION OF WELL FOOTAGES AT SURFACE: 880 FNL x 940 FEL		9. API NUMBER: 4303731824
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 6 38S 25E		10. FIELD AND POOL, OR WILDCAT: Patterson
COUNTY: San Juan		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Closed Pre-existing Reserve Pit</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

DJ Simmons, Inc. effective July 1, 2005 became the operator of the above mentioned well. However there was an pre-existing reserve pit located on the above mentioned location . Per BLM request DJ Simmons, Inc. closed the pre-existing reserve pit July 26, 2006.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) John A. Byrom	TITLE President
SIGNATURE 	DATE 10/12/2006

(This space for State use only)

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8

(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU 79828

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
Bonito 41-6-85

9. API NUMBER:
4303731824

10. FIELD AND POOL, OR WILDCAT
Paradox

11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
NENE 6 38S 25E

12. COUNTY
San Juan

13. STATE
UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☒ OTHER ☐

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☒ OTHER ☐

2. NAME OF OPERATOR:
D. J. Simmons, Inc.

3. ADDRESS OF OPERATOR:
1009 Ridgeway, Suite 200 CITY Farmington STATE NM ZIP 87401

PHONE NUMBER:
(505) 326-3753

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 880' FNL, 940' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

14. DATE SPUDDED: 6/15/2002 15. DATE T.D. REACHED: 7/5/2002 16. DATE COMPLETED: 8/25/2005
ABANDONED ☐ READY TO PRODUCE ☐

17. ELEVATIONS (OF, RKB, RT, GL):
5304' KB

18. TOTAL DEPTH: MD 5,860 TVD 19. PLUG BACK T.D.: MD 5,400 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD 5,400 PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

none

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20'	16 Con	24#	0	40		125		0	*
12.25	8.625 J-55	24#	0	1,665		850	10	0	
7.875	4.5 J-55	10.5#	0	5,860		1,704	519	0	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	5,310	5,400						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Paradox	5,010	5,332			5,150 5,310	0.38	120	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5150-5310	4800 gal 20% HCl

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

SI

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MAY 06 2008

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE: 8/25/2005		HOURS TESTED: 1		TEST PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 0		WATER – BBL: 0		PROD. METHOD:	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →		OIL – BBL:		GAS – MCF:		WATER – BBL:		INTERVAL STATUS: SI	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Hermosa	4,151
				Paradox	5,010
				Ismay	5,457
				Desert Creek	5,724

35. ADDITIONAL REMARKS (Include plugging procedure)

Well is not capable of production

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Rodney L. Seale

TITLE Operations Manager

SIGNATURE

Rodney L. Seale

DATE 4/30/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 79828
2. NAME OF OPERATOR: D. J. Simmons, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1009 Ridgeway Pl, Ste 200 CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 326-3753		8. WELL NAME and NUMBER: Bonito 41-6-85
4. LOCATION OF WELL FOOTAGES AT SURFACE: 880' FNL, 940' FEL		9. API NUMBER: 4303731824
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 6 38S 25E		10. FIELD AND POOL, OR WILDCAT: Paradox
COUNTY: San Juan		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/25/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

8-5-05 MIRU. SD for weekend.
8-8-05 TOOH w/71 7/8" rods, 147 3/4" rods & pump. ND WH. Nu BOP. Test BOP, OK. TOOH w/181 jts 2 3/8" tbgs. SDON.
8-9-05 TIH w/csg scraper to PBTD @ 5820'. TOOH. TIH w/CIBP to isolate Ismay, set @ 5400'. Circ hole clean. PT csg to 500 psi, OK. SDON.
8-10/11/05 WO frac crew.
8-12/18-05 WO weather
8-19-05 Pump 250 gal 7 1/2% HCl ahead. Perf Paradox w/4 SPF @ 5150-5162', 5208-5220', 5304-5310' w/120 holes. total. Acidize w/4800 gal 20% HCl. SDON.
8-20-05 CO after acid treatment. TOOH. TIH w/170 jts 2 3/8" 4.7# J-55 EUE tbgs, landed @ 5310', SN @ 5258'. ND BOP. NU WH. SDON.
8-23/24-05 Swab well. SDON.
8-25-05 Swab well. RD. Rig released.

Well is recompleted to the Paradox formation. The Ismay formation is temporarily abandoned with CIBP set @ 5400'.

NAME (PLEASE PRINT) Rodney L. Seale	TITLE Operations Manager
SIGNATURE <i>Rodney L. Seale</i>	DATE 4/30/2008

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MAY 06 2008
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

3/1/2010

FROM: (Old Operator): N2520-D J Simmons, Inc. 1009 Ridgeway Place, Suite 200 Farmington, NM 87401 Phone: 1 (505) 326-3753	TO: (New Operator): N2355-Seeley Oil Company PO Box 9015 Salt Lake City, UT 84109 Phone: 1 (801) 467-6419
--	---

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
Bonita 41-6-85	6	380S	250E	4303731824	13517	Federal	OW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2010 & 6/06/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/28/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2011
- 4a. Is the new operator registered in the State of Utah: Business Number: 5260313-0160
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 5/2/2011 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/7/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/7/2011
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB0692
- Indian well(s) covered by Bond Number: n/a
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number n/a
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: Former operator submitted request 5/10/2010 but new operator didn't submit their request until 4/28/2011. Former operator resubmitted their request 6/6/2011.

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MAY 03 2011

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			5. LEASE DESIGNATION AND SERIAL NUMBER: Federal UTU-079828
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: Bonito 41-6-85
2. NAME OF OPERATOR: Seeley Oil Company, LLC <i>N2355</i>			9. API NUMBER: 4303731824
3. ADDRESS OF OPERATOR: P.O. Box 9015 CITY Salt Lake City STATE UT ZIP 84109		PHONE NUMBER: (801) 467-6419	10. FIELD AND POOL, OR WILDCAT: Patterson Canyon
4. LOCATION OF WELL FOOTAGES AT SURFACE: 880 FNL 940 FEL COUNTY: San Juan QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 6 38S 25E S STATE: UTAH			

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 3/1/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective March 1, 2010, Seeley Oil Company acquired ownership interest and operating rights from D.J. Simmons, Inc.

N2520

NAME (PLEASE PRINT) <u>Nathaniel K. Seeley</u>	TITLE <u>Vice-President</u>
SIGNATURE <u><i>Nathaniel K. Seeley</i></u>	DATE <u>4/28/2011</u>

(This space for State use only)

APPROVED 6/7/2011

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

emailed

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APR 28 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79828
2. NAME OF OPERATOR: SEELEY OIL COMPANY <i>N 2355</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 9015 CITY Salt Lake City STATE UT ZIP 84109		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 880 FNL x 940 FEL		8. WELL NAME and NUMBER: Bonito 41-6-85
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 6 38S 25E		9. API NUMBER: 4303731824
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Paradox
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
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	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of Operator Effective March 1, 2010.

From: DJ Simmons Inc.
1009 Ridgeway Place, Suite 200
Farmington, New Mexico 87401
(505) 326-3753
N 2520

DJ Simmons Inc will transfer operations of
the above mentioned well to a new operator:
Seeley Oil Company LLC.
P.O. Box 9015
Salt Lake City, Utah 84109

NOTE: previously sent 5/10/2010

NAME (PLEASE PRINT) <i>Craig D. Starkey</i>	TITLE <i>Permitting</i>
SIGNATURE <i>Craig D. Starkey</i>	DATE <i>6/7/2011</i>

(This space for State use only)

APPROVED *6/7/2011*

(5/2000)

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

JUN 06 2011

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-079828

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Bonito 41-6-85

9. API Well No.
43-037-31824

10. Field and Pool, or Exploratory Area
Patterson Canyon

11. County or Parish, State
San Juan, UT

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **Seeley Oil Company, LLC**

3a. Address
P.O. Box 9015, Salt Lake City, UT 84109

3b. Phone No. (include area code)
801-467-6419

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

880 FNL 940 FEL; NENE Sec. 6; T38S R25E; SLM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change of Operator
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Effective March 1, 2010, Seeley Oil Company, LLC acquired ownership interest and operating rights from D.J. Simmons, Inc. Seeley Oil Company is considered to be the Operator on this lease and this well.

Operations on this lease and this well will be covered by Seeley Oil Company's Utah Federal Operating Bond UT-0692.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Nathaniel K. Seeley

Title **Vice-President**

Signature

Nathaniel K. Seeley

Date

04/28/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Division of Resources
Field Office
Office

Date

5/2/11

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

CC: UDDGm 5/2/11

RECEIVED

MAY 02 2011

Conditions Attached

DIV. OF OIL, GAS & MINING

Seeley Oil Company, LLC
Well No. Bonito 41-6-85
Section 6, T38S, R25E
Lease UTU79828
San Juan County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Seeley Oil Company, LLC is considered to be the operator of the above well effective **March 1, 2010**, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0692 (Principal – Seeley Oil Company, LLC) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.